USAFETAC/DS-79/016

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DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

RANDOLPH AFB TEXAS/SAN ANTONIO N 29 32 W 098 17 ELEV: 761 FT.

MDMD

WBAN# 12911 WMO#

PARTS A-F

POR FROM HOURLY OBS APR 38-AUG 39, OCT 39-FEB 46, MAY 46-AUG 75 POR FROM DAILY OBS APR 38-AUG 39, OCT 39-FEB 46, SEP 46-AUG 75

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This technical report has been reviewed and is approved for publication.

MICHAEL W. PRESTON SMSgt, USAF USAFETAC Reviewer

FOR THE COMMANDER

WALTER S. BURGMANN Scientific & Technical Information Officer



DDC PROCESSING DATA

PHOTOGRAPH

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CLASSIFICATION OF THIS PAGE (When Date Entered) READ INSTRUCTIONS
BEFORE COMPLETING FORM REPORT DOCUMENTATION PAGE 2. GOVT ACCESSION NO. USAFETAC/DS- 79/016 TYPE OF REPORT & PERIOD COVERED Revised Uniform Summary of Surface Weather Final rept. Observations (RUSSWO) - Randolph AFB 6. PERFORMING ORG. REPORT NUMBER San Antonio, Texas 8. CONTRACT OR GRAN' NUMBER(8) 9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225 11. CONTROLLING OFFICE NAME AND ADDRESS 12. REPORT DATE USAFETAC/CBD 19 Mar 76 Air Weather Service (MAL, Scott AFB IL 62225 14 MONITORING AGENCY NAME & ADDRESS(II different from Controlling Office) UNCLASSIFIED 15. DECLASSIFICATION/DOWNG ADING 16 DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. 17. DISTRIBUTION STATEMENT (of the ebstract entered in Block 20, If different from Report) 18 SUPPLEMENTARY NOTES 19 KEY WORDS (Continue on severae side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Ceiling versus visibility Surface Winds Extreme temperature Relative humidity *Climatological data (over) 20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Randolph AFB, San Antonio, Texas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena;

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(B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values);
(C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum

temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over

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- 19. Percentage frequency of distribution tables Dry-bulb temperature versus wet-bulb temperature Cumulative percentage frequency of distribution tables
 - * Texas

- * Randolph AFB TX
- 20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".O", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0500-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

IANUARY	APRIL	JULY	OCTOBER
ZERUARY	MAY	AUGUST	NOVEMBER
ARCH	JUNE	SEPTEMBER	DECEMBER

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911]									·····
	STATION LOCATION				MENI	ATION			,
	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS L	TO TO	LATITUDE	LONCIFUDE			OBS PER Dat
		AAF AFB same	Apr 38 Jun 48 Apr 53	May 48 Mar 53 AUG 75	N 29 32 same same	WO98 17 same same	743 same 761	755 same 743	24 24 24
					•				
•					-				
	`				-				
DATE	SURFACE WIND	EQUIPMENT I	NFGRNATION]			24N 744 AUTHAR
OF CHANGE	LOCATION		TYPE OF TRANSMITTE	TYPE OF RECORDER	HT ABOVE CROUND	REMARKS, AU	DITIONAL EQUIPM	ENT, OK KEA	SOR FOR CHARGE
Apr 38	Located in Administration	Bldg	Anemome	ter none	20ft				
Jun 48	Located at Weather Statio	n	Selsyn	ML-14/	43ft		٠.	•	
Apr 53	Located in Base Weather S	tation	same	same	same				
Apr 55	Located on top of station	1	same	same	65 f t		• •		
Apr 58	Located in the East Tower	•	AN/GMC	1 RO-2	95 f t				a Orași
Jun 60			same	same	13ft			, į	n sai
	Handolph Handolph Same DATE OF CHANCE Apr 38 Jun 48 Apr 53 Apr 55 Apr 58	STATION LOCATION CEOCRAPHICAL LOCATION I NAME handolph Field, San Antonio Handolph AFB, Texas Same Surface wind Of LOCATION Apr 38 Located in Administrative Jun 48 Located at Weather Station Apr 53 Located in Base Weather Station Apr 55 Located in the East Tower Jun 60 Located approx. on the ce	STATION LOCATION A CEOCRAPHICAL LOCATION ANNE APT B. SURFACE WIND EQUIPMENT COMMITTED OF CHAMCE LOCATION Apr 38 Located in Administration Apr 53 Located in Base Weather Station Apr 55 Located on top of station Apr 58 Located in the East Tower	STATION LOCATION AND IN CEOCRAPHICAL LOCATION ARMS AAF Apr 38 AFB Jun 48 Same Apr 53 Apr 53 Apr 53 Located in Administration Selsyn Apr 53 Located in Base Weather Station Same Apr 55 Located in the East Tower Apr 58 Located in the East Tower An/GMC Jun 60 Located approx. on the center Same	STATION LOCATION AND INSTRU CEOCRAPHICAL LOCATION ANAME TYPE OF SAME SURFACE WIND EQUIPMENT INFORMATION TYPE OF TRANSMITTER RECORDER Apr 38 Located in Administration Apr 38 Located at Weather Station Apr 53 Located in Base Weather Station Apr 55 Located in the East Tower Apr 58 Located in the East Tower An/GMQ II RO-2 Jun 60 Located approx. on the center Same Same	STATION LOCATION AND INSTRUMENT STATION LOCATION AND INSTRUMENT STATION LOCATION AND INSTRUMENT STATION LATITUDE STATION TO LATITUDE STATION STATION TO LATITUDE STATION STATION	STATION LOCATION AND INSTRUMENTATION CECCRAPHICAL LOCATION AND INSTRUMENTATION CECCRAPHICAL LOCATION AND INSTRUMENTATION LATITUDE LANDOLPH AFE TEXAS/SAK ANTONIO CECCRAPHICAL LOCATION AND INSTRUMENTATION LATITUDE LANDOLPH AFE TEXAS/SAK ANTONIO CECCRAPHICAL LOCATION AND INSTRUMENTATION LATITUDE LANDOLPH AFE TEXAS/SAK ANTONIO THE CECCRAPHICAL LOCATION AND INSTRUMENTATION LATITUDE LATITUDE LATITUDE LATITUDE LOCATION APP 38 May 48 N 29 32 words arms APP 53 Jun 48 Mar 53 same Same Same Same Same Same Same Same APP 53 Located in Administrative Bldg Jun 48 Located at Weather Station Apr 53 Located in Hase Weather Station Apr 55 Located in the East Tower Jun 60 Located approx, on the center Same Same	STATION LOCATION AND INSTRUMENTATION HISTO STATION LOCATION AND INSTRUMENTATION HISTO GEOGRAPHICAL LOCATION SARKE STATION LOCATION AND INSTRUMENTATION HISTO GEOGRAPHICAL LOCATION SARKE STATION FROM THE OFF AND THE OFF AND THE OFF CHARGE SARKE AAF AP 38 May 48 N 29 32 W098 17 743 SARKE SARKE APP 53 Jun 48 Nar 53 SARKE SARKE APP 53 JUN 48 Nar 53 SARKE SARKE APP 53 JUN 48 SARKE SARKE APP 53 JUN 48 SARKE SARKE APP 53 JUN 48 SARKE SARKE SARKE APP 53 SARKE	STATION LOCATION AND INSTRUMENTATION HISTORY CEGGRAPHICAL LOCATION ARMSE STATION LOCATION AND INSTRUMENTATION HISTORY CEGGRAPHICAL LOCATION ARMSE CEGGRAPHICAL LOCATION ARMSE STATION CEGGRAPHICAL LOCATION ARMSE STATION CEGGRAPHICAL LOCATION ARMSE TIPE STATION AAF AFB Jun 48 APF 38 APF 38 APF 38 APF 53 APF 53 APF 53 APF 53 APF 53 APF 54 APF 55 Located in Administrative Bldg Jun 48 Located at Weather Station Apr 53 Located in Base Weather Station Apr 53 Located on top of station Apr 58 Located at the East Tower Apr 58 Located at prox. on the center ANGMC IL RO-2 PSft Jun 60 Located approx. on the center Same S

YLMBER	STAC	SURFACE WIND EQUIPMENT INFO	RNATION			
OF LOCATION	CF CHANGE	10CATIOR	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE CROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
7.	Jan 62	Dual Instrumented 1) Approx, centered on and 850ft ENE of centerline of Rnwy 141- 32h	same	same	same	*
		2) Approx, centered on and 550ft WSW of centerline of Rnwy 14R-32L.	same		seme	
		at.	Disc (.19	·
8.	Apr 65	Sual Instrumented 1) Same 2) Located 550ft WSW of center- line and 2875ft SW of Rnwy 14R.	same same ·	same	same *	•
9.	Jan 67	Triple Instrumented 1) Approx, 550ft ENE of center- line of Knwy 32R and 1450ft from end of Rnwy 32R.	same	same	same	
		2) Approx, 600ft ENE of center- line of Rnwy 14L and 700ft from end of Rnwy 14C. 3) Located 550ft WSW of center-	same same		same same	
10.	Oct 70	line and 2875ft SW of Rnwy 14R. Triple Instrumented 1) Located 520ft ENE of center-	same	same	same	
		line, 1330ft NE of end of Rnwy 32R.	0	566	044.0	
		2) Located 410ft FNE of center- line, 905ft SE.of.end of knwy 14L.	same .		same	
		3) Located 520ft WSW of center- line, 2450ft SSW of end of Anwy 14R.	· same		same'	**
<i>i</i>		14n.	1	l		* '.
11.	Jan 71	Triple Instrumented 1) Same	AN/GMQ 2			
		2) Same 3) Same	AN/GMQ 2 AN/GMQ 1	RO-2	same same	
12.	AUG 75	1) Same 2) Same	same same	same^	sume : some	
		3) Same	same.	some	same	

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-x-ur groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the are listed below:

Thunderstorms - All reported occurrences of thunderstorm, cornado, and waterspout.

Rain and/or arizale - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Fercentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

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Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIL 38-75
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FRUM MOURLY DESERVATIONS

MONTH	HOURS (LS.T.)	THUNDER- STORMS	RAEN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SMOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	ROWING SHOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO, OF OBS.
JAñ.	ALL	.2	11,5	.6	.4		12.3	15.3	1.2		.4	16.5	27381
FEE		.3	12.1	.2	.3		12.6	14.6	. 9		.7	15,9	24411
MAK		.4	7,5		•0	.0	7.5	10.0	1.6	<u> </u>	1.3	12.6	25954
APK		1.3	8.0			•0	8.0	10.2	?.0		1.0	12.8	25408
HAY		2.0	5,6			• 0	5.6	6.4	2.4		.2	8,4	27470
JUN.		1.2	3.5				3.5	2.7	1.2		• 0	3,6	26499
JUL		.8	2.2				2.2	1,3	.7		.0	1,9	27449
AUG		1.0	2,9				2.5	1,9	_ 1.0		0	2.5	27017
SEP		.8				•0	5.3	4,6	1,3			5,5	25 ⁸ 33
ост		.6				٥.		6.1	1.2		•0	7,0	27413
NOV		.3			•0		7.3	9.3			.1	10.5	•
DEC		.2			.1		9.9	13.4			.4		
TOTALS		.8			.1	•0					.3		319757

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WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 39-75 JAN
STATION STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONSITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE ANÚ/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	• 2	12.4	.9	. 4		13.6	16.2	.6		, 5	17.1	3416
	03-05	.2	14.1	1,1	. 5		15.5	21.5	. 5		. 4	22.1	3423
	06-08	1	14.3	. 9	. 5		15.6	25.5	1:1		1	26.4	3425
	09-11		12.5				13.8	20.9	2.3		4	23.2	3424
	12-14	<u></u> }	7,9	, 3	4		10.6	10.5	2.1		4	12.6	3418
	15-17	3		3			9.1	7.6	1.0	ļ 	3	8.7	343
	18-20	2	8.J		1		9.2	8.6	. 8		4	9.4	342
	21-23	• 2	10.8	. 5			11.3	11.5	.8		5	12.5	341
TOTALS		. 2	11.	, 6	4		12.3	15.3	1.2		. 4	16.5	.2738

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WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 39-75 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	•6	13.5	• 2	4		14.1	15,1	.0		.6	15.7	3053
	03-05	.7	15.9	• 2	,6		16,7	20.2	,2		. 8	21.1	3055
	06-08	.4	15.5	.3	4		16.2	25,6	1.1		. 8	27.3	3056
	09-11	.3	13,6	• 4	, 3		14.2	19.9	1.7		. 8	22.2	3056
	12-14	•0	9,7	,1	• 1		9.8	9,6	1,4			11.4	3051
	15-17	,2	8.8	•1	, 2		9.0	7,5	1.1		. 8	9,2	3045
	18-20	.1	9,8	,1	• 3		10.1	8,5	.7		8	9,8	3044
	21-23	• 4	10.7	1	. 3		10.6	10.0	, 3		• 6	10.8	3051
													
TOTALS		.3	12.1	, 2	, 3		12.6	14.6	. 8		,7	15,9	24411

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WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 39-45,47-75
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	. 5	8,8		.0	•0	8,8	9.3	• 9		1.4	11.3	3245
	03-05	. 5	10,3		1	<u> </u>	10.4	16.9	1,1		1.3	19.0	3240
	06-08	. 2	11,2			•1	11.2	23.7	2,7		1,5	27.2	3241
	09-11	, 3	9,2		• 1		9.3	14.4	3.1		1.3	18.1	3248
	12-14	.4	6.1		1	•0	6.2	5.6	1.8		1.1	8,3	3238
	15-17	2	4,5				4.5	3.0	1.4		1.3	5.6	3247
	18-20	4	4,6			• 0	4,6	3.1	1.0		1.3	5.3	3246
	21-23	4	5.3			•0	5.3	4,3	9		1,2	6.3	3249
						-							
TOTALS		. 4	7,5		•0	•0	7,5	10.0	1.6		1.3	12.6	25954

USAFETAC $^{FORV}_{JRY 64}$ 0-10-5(QL A), previous editions of this form are obsolete

WEATHER CONDITIONS

12911

RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME

38-45,47-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APK	00-02	1.6	9,0			•0	9,0	10.3	1.6		. 8	12.1	3305
	03-05	1.9	11.8				11.8	17.7	1.5		1.1	19.7	3301
	06-08	1.2	11,6				11.6	26.2	3.2		1.1	29.6	3302
	09-11	.8	8,8				8,8	12.0	3,2		1.3	16.0	3308
	12-14	. 8	6.5				5,5	5.2	2.2		1.2	8.5	3305
	15-17	1,3	5,4				5.4	2.7	1.6		,9	5.1	3304
	16-20	1,2	5.0			.1	5.0	3.3	1.3		.7	5.1	3291
	21-23	1.3	6,1				6.1	4,4	1.0		8	6.0	3292
	<u> </u>	<u> </u>						,					· · · · · · · · · · · · · · · · · · ·
	<u> </u>												
TOTALS		1.3	8.0			•0	8.0	10.2	2.0		1,0	12.8	26408

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WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75
STATION STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S T.)	THUNDER- STORMS	RAIN AND/OR DRIZZŁE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR ELEET	HAIL	% CF OBS WITH FRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<i>:</i> 14Y	00-02	2,5	6.6				6.6	5.8	1.4		.2	6,8	3421
	03-05	2.0	8,1				8.1	14.8	1.9		•1	16.1	3423
	06-08	1.4	6,7	ļ 1			6.7	21.8	5,7		.2	25.5	3437
	09-11	1,3	5,4				5.4	4,6	3.7		.2	7,9	3452
	12-14	1.5	4.8			0	4.8	1.2	2.2		2	3.5	3450
	15-17	2.5	4.9				4.9	,9	1.4		1	2.3	3458
	18 - 20	2.4	4.2			0	4.2	.6	1.4		2	2.3	3417
	21-23	2,3	4.2				4.2	1.3	1.2		2	2.5	3412
TOTALS	<u></u>	.2,0	5,6			•0	5.6	6,4	2.4		. 2	8,4	27470

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WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75 JUN STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SHOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NG. OF OBS.
JUiv	00-02	1.3	3,3				3.3	1.4	. 8			2,2	3273
	03-05	1.2	3,8				3.8	6,9	1.5			7.5	3269
	06-08	9	4.0				4.0	11.1	3.9			13.4	3326
	09-11	, 5	3,0				3.0	1.0	1,5			2,4	3364
	12-14	1.4	3,9				3.9	.3	5		•0	.9	3360
	15-17	1,9	4,0				4.0	, 3	.4		• 0	.7	3358
	18-20	1.4	3,1				3.1	. 2	5		•0	.8	3273
	21-23	1,2	2,7				2.7	• 2	5			8	3276
TOTALS		1,2	3,5				3.5	2.7	1.2		•0	3,6	26499

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSI..G BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 38-75

STATION STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1.71	00-02	.1	1.1				1,1	.4	,4			•7	3388
	03-05	•2	1,7				1.7	2.8	۰7			3.4	3388
	06-08	•2	2,5				2,5	6.7	2.6			8.5	3449
	09-11	.3	2.2				2.2	. 4	9			1.3	3478
	12-14	. 9	2.4				2.4		5				3485
	15-17	1.9	3.1				3.1	• 2	2		.0	.4	3489
	18-20	1,9	2.6				2.6		1		.0	2	3383
	21-23	.8	1.7				1.7	•0	2			•2	3389
													
		<u> </u>											
TOTALS		.8	2.2				2.2	1.3	.7		.0	1.9	27449

USAFETAC $_{\rm JUY\,64}^{\rm FORM}$ 0-10-5[QL A], previous editions of this form are obsolute

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WEATHER CONDITIONS

12911 RANUOLPH AFB TEXAS/SAN ANTONIO 38-75 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.4	1.7				1.7	. 8	. 4			1.1	3331
	03-05	• 5	2,5				2,5	3.1	1.1			3.7	3331
	06-08	• 4	3,3				3.3	9.7	4.2			11.3	3398
	09-11	.4	2.9				2.9	1,0	1.2			2.0	3428
	12-14	1,4	3,4				3.4	. 4	. 5			.9	3428
	15-17	2.0	4,4				4.4	0	3		.1	.4	3425
	18-20	1.6	2.8				2.8	.2	.3		.1	.6	3338
	21-23	1.0	2.2				2,2	.1	.1			.2	3338
···													· · · · · · · · · · · · · · · · · · ·
TOTALS		1.0	2.9		_		2.9	1.9	1.0		•0	2,5	27017

USAFETAC $_{ARY\,64}^{PORM}$ 0-10-5(OL A), regyious editions of this form are obsolete

WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38,40-74 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /O2 DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	8LOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	, 8	4,6				4,6	3.8	٨			4.1	3230
	03-05	•6	4,9		-		4.9	8.1	• 9			8.4	3232
	06=08	•6	5,6			• 0	5.6	16.7	3.7			18.5	3225
	09-11	2	5,2				5,2	3,3	1.6			4.5	3224
	12-14	• 7	5,3				5.3	1.1	1.1			2.1	3231
	15-17	1,5	6.3				6.3	1.2	.9			1.9	3230
	18-20	1.6	5.7				5.7	1.4	. 8			2.1	3228
	21-23	•7	4,8				4,8	1.5	,7			2.0	3233
, ;											<u> </u>		
-													
TOTALS		3	5,3			•0	5,3	4.6	1.3			5,5	25833

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WEATHER CONDITIONS

12911 RANDOLPH AFB FEXAS/SAN ANTONIO 38-74 ÚCT STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURL' OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUMDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	\$LOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
üC1	00-02	•8	5,2			• 0	5.2	3.4	•3			3.7	3429
	03-65	, 5	6.2				6.2	11.6	8		•0	12.2	3428
	06~08	7	6,9				6,9	22.1	2.8		•1	23.3	3425
	09-11	•4	5,0				5,0	5.7	2.6		•1	7,9	3428
<u></u>	12-14	• 6	4,6				4,6	1.7	1.1			2.7	3420
	15-17	•7	4.4				4,4	1.6	, 9			2.5	3425
	18-20	•6	3,7			• n	3.7	1.4	. 8			2.1	3425
	21-23	•6	3.6			•0	3,6	1.3	•3			1.5	3433
TOTAL													
TOTALS		• 6	5,0			•0	5,0	6.1	1.2		•0	7.0	27413

USAFETAC $\frac{\text{PORM}}{\text{MAY 64}}$ 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

DATA PRUCESSI'-G PRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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WEATHER CONDITIONS

12911 RANCOLPH AFB TEXAS/SAM ANTONIO 38-74 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
HOV	00-02	6	7,3		• i		7,4	9.3	.8		•1	10.1	3316
	03-05	.6	9,2				9,2	14.2	•9		•0	14.9	3314
	06-08	. 2	9.8	• 0	-1		9.0	20.9	1.9		1	22.2	3317
	09-11	. 2	7,8	. 1	1		7.8	11.6	2.3		•1	13.8	3316
	12-14	.2	6.3			<u>. </u>	6.3	4.8	1.7		• 2	6.4	3317
	15-17	•1	5.7				5.7	3,9	1.3		•0	5,1	3319
	18-20	,3	6,1		.0		6.1	4.4	1.1		• 0	5,4	3314
	21-23	.4	6,1		• 0	······································	6.1	4,9	8		2	5.7	3320
									-				
TOTALS		•3	7.3	•0	• 0		7.3	9.3	1.4			10.5	26533

USAPETAC PORM 0-10-5(OL A), PREVIOUS ENTITIONS OF THIS FORM ARE OSSOLETE

DATA PRUCESSILG BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 RANDOLPH AFB TEXAS/SAN ANTOINIU 28-74 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF DCCURTENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02	•1	10,6	.1	.1		10.7	14.2	4		.4	14.6	3420
	03-05	• 2	12,1	•1	. 1		12.3	19.0	•2		.3	19.3	3412
	06-08	•2	12,9	• 2	•1		13.1	23.0	1.0		• 5	24.2	3420
	09-11	•1	11.0	. 2	. 1		11.2	18.4	1.7		.9	20.8	3430
	12-14	•1	8.0	.1	.1		8.1	8.9	1.0		•6	10.3	3429
	15-17	•1	6.7	.0	• 0		6.8	6.3	.7		.3	7.1	3438
	18-20	•3	7.6	.1	• 2		7,7	7,5	,4		• 2	7,9	3420
	21-23	•1	9,2	.1	•2		9,3	9.7			•2	10.2	342 <u>9</u>
TOTALS		•2	9,8	.1	. 1		9,9	13.4	•7		.4	14.3	27389

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSICITE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

Th' ""esentation is by month with annual totals, and is prepared with all years combined.

- NOTE. (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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12911 RANDOLPH AFB TEXAS/SAN ANTONIO 46-75

MEAR

ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

нтисм	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO, OF OBS.
JAN	DAILY	3.2	45.2	2,7	3,1	6	44.3	44.5	8.9		2	45.5	930
FEB	ļ <u>.</u>	5,6	41.9	1.1	1,9	6	40.9	42.1	6.1		1.3	44.1	826
MAR		6.6	44.1	1	. 4		42.5	39.5	11.9		6	42.2	899
APR		14.1	46.0			1.7	44.0	41.6	13.9		.3	44.1	870
MAY	ļ	19.1	42.8			1.2	41.2	39.5	17.1		1	41.9	899
ากผ		14.9	31.6				30.1	22.9	10,6			25.5	870
JUL		12.6	22.2				21.4	12.5	6.3			14.5	899
AUG		15.5	29.6			2	29.4	17.8	9.7			20.0	899
SEP		13.0	.36.6				.34.8	29.0	10.1			30.6	870
DCT		8.6	32.4			. 2	.30.3	35.3	11.8			37,5	899
NOV		4.4	36.2	1	6	·	.34.5	36.8	8.0		<u> </u>	38,4	870
DEC		2.6	38_6		1:1	1	.36.2	38.7	7.2			39,9	899
TOTALS		10.0	37.3	. 4	. 6			33.3	10.1		3	35.3	10630

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDMONS OF THIS FORM ARE OSSOLET

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least morthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".O" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. (he second set of three tables presents the extreme daily emounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION

".OO" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL

".O" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH

"O" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

DAILY AMOUNTS

PERCENTAGE EREQUENCY OF PRECENTIATION (FROM DAILY OBSERVATIONS)

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38-75

STATION

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						AM	OUNTS (II	NCHES)						PERCENT		WON.	THLY AMO	UNTS
PRECIP.	NONE	TRACE	01	.0205	.0610	1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5 01-10 00	10.01-20.00	OVER 20 00	OF DAYS	NO		(INCHES)	
SNOWFALL	NONE	TRACE	0104	0.5-1.4	1.5-2 4	2.5.3 4	3.5.4 4	4.5-6 4	6.5-10.4	10.5-15 4	15.5-25 4	25.5-50 4	OVER 50.A	MEASUR- ABLE	OF OBS	MEAN	GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25.36	37-48	47-60	61-120	OVER 120	AMTS		,,,,,,,		
JAN	55.2	390 ° E	13.48	؋ ڲٛ؋ <u>ٙ</u>	ڹ ٞ ۏؚڎؚۣؠ	-441	1294	1,8	1,12					2179	.1132	1,59	7.95	. +0(
FEB	.5564	18,7	13.1	5,9	.4.5	443	13.00	: <u>\$</u> ¥ 5	Ĭ,ĝ	, Ī				2549	1012	3.00	6.73	· ÷0(
MAR	.55.3	.33,6	14.45	15.4	12 64	1340	1,00	į ž7	· 7 3 8	. }]				:2171	·ĬĮįš	1,40	5.66	. • 0
APR	154.0	:23.5	3.4	445	2.4	3,4	1243	13.4	:2,2	ۇ ۋ				2179	. 3091	2,65	10:33	· Ó(
MAY	,56,5	18,3	:295	1491	1946	1443	12.5	1243	13.53	. 43	.,1			:2350	1134	3.40	3.25	· • 0
JUN	67.2	14.5	, į + š	13.2	:\$50	2,4	:245	13.2	`` `					.1843	. 1 3 64·	3.07	7771	0
JUL	7627	-1040	47	13.12	.1,99	247	1.48	1,2	170	, , , i				.1343	17740	1,733	9959	. • 0
AUG	70.7	11,4	·Žį	13.73		19	1300	:19.0	3.0		-			ĮŤį9	.1340	2128	0.55	÷0
SEP	· • • • • • • • • • • • • • • • • • • •	13.2	.1.9	405	:2,1	5372	1349	1943	4 3 79	. 4.7				2245	.1071	3,49	5,45	. j Ô
ост	16689	12.6	1274	-	:243	1933	3.3	12.7	12.3	7	÷į.			2047	1342	2297	1.44	+0(
моч	64.0	18.0	-149	1345	13.0	. 3 7 8	13.00	2.0	135	Ęį.				.1500	1097	. \$ 7.54	5.75	اڻ ۾
DEC	41.2	17.2	:347	19/4	1493	- 440	2.0	****	49	- 1	; ·			:21 75	.1197	1,54	5:20	, 40 (
ANNUAL	42.3	1000	2.4	-465	:3-0	1346	:347	. :294	2,0	وَّ إِنْ الْ	0			20.0	19919	18.30	X	

1210 WS - JUL 64 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
36	* .00		jų ules						* .00				
39 -40	* .00	* .00 .27	.42*	2,52	1.08	05	1.01	2.16	28	2.63	26	.58 .96	2.83
41	1.20	.79	1.39	2.24	1.69	2.83 3.79	•57	• 82 • • 45	.35 3.43	2.63	1.09	.58	3.79
42	.21	1.11	.27	98	.89	1,34	3.32		3.65	5.07	.41	10	5.07
43	.52	.04	1.11	97	1.14	1.37	1.33	1.88	1.64	80	1.09	.32	1.88
44	1.82	.49	1.18	82		1,19			2.19	.95	1.15	1,36	2.19
45	1.38	1.04	2.95	61	10	1.91	1.43	43	1.68	3.14	.62	37	3.14
46	.84			- 					1.84	.66	1.40	1,65	
47	.71	14	1.28	.11	2,51	.01	.88	2.08		.11	.55	84	2,51
48	.29	,55	.24	.93	1.27	2,89		,65	1.23	2.10	.41	,11	2.89
49	1.09	2.24	.60	2.53	42	3.09	. 73	.51	:74	2.85	.03	85	3.09
50	.06		.08	1.83	1,45	2,53	.56	.76	.92	.31	.16	TRACE	2.53
51	.22	1.26	1.46	.22	2.05	2.25	TRACE	.37	1.68	.55	.52	.10	2.25
52	.47	.75	1.30	2,14	1,96	1,42	1.45	TRACE	2.54	.00	* 1.34	85	2,54
53	.50	40	.19	1.47	.27	2.96	.02	2.29	3.90	.85	.35	6477	3.90
54	.24	.09	.05	,98	,83	2.06	, 86	.24	.56	.71	.22	,13	2.06
55	1.20	3.10	1.38	.16	1:10	. 83	38	.50	.30	.03	.80	-63·	3.10
56	.72	.36		.25	1,72	.25	•04	2,78	,35	.25	.55	2,14	2.78
57	.36	1641	. 90	2.17	3,42	1.32	1.05	.06	4.41	1.63	1.01	.57	4,41
58	1.31	1.98	.36	1:16	1,58	,63	1.29	, 23	2:27	1,14	.90	,29	2.27
59	.18			2:13	1.52	1.99	1:53	1.21	"55	4.15	.80	1,15	4.15
60	.46	.69	1.01	1,65	.39	3.55	×41	2,23	.80	2.49	.49	1,07	3.55
61	.24	1,38	• 06	.38	,14	2.29	2.11	85	.70	2.71	1:75	1.5	2.71
62	.12	. 85		1,45	1,04	91	TRACE	,67	1,78	,26	3.21	,80	3.21
-63	.28			1,67	1,93	1.23	.47	. 27	1.36	1.63		•69°	1.93
64	2.09	.56	2.04	,55	1:12	1,68		1,50	1,21	1.88	3.82	1,83	3.82
.65	1.58		2.02	1,37	2724	1,03	- 05		1.67	2,90	3.05	3.16	3.16
66	.36			.85	1.34	1,34	•12		.63	.28	TRACE	18	1.73
.67	.08	19	1.45	<u> </u>	1119	-02	1.77	-64	3.69	1431	1:96	.43	3.69
MEAN		 	ļ					 	ļ				
\$. D.	 	ļ											
TOTAL OSS.	0	ļ				i	i	1	L				<u> </u>

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC NOM 0-88-5 (OLA)

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EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12911 RA

RANDOLPH AFB TEXAS/SAN ANTONIO

38-75

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB	MAR	APR.	MAY	אטנ.	JUL.	AUG	SEP.	ост.	NOV.	DZC.	ALL MONTHS
68	2.44	.88	.56	1,92	1,16	1,16	.39	,63	1.94	.63	2.18	.36	2.44
69	.41	1.45	1.17	1.02	1.21	1.79	.13	1.05	1.37	1.71	1.43	1.46	1.79
70	.41	1.30	.86	1.40	2.05	, 44	.40	.96	1.09	.50	.01	.05	2.0
71	04	.48	-01	.59	.62	.66	10	2.46	2.17	2.14	1.30	.93	2.46
72	.59	.26	-13	.48 2.66	7.49	2,18	.45	1.27	₹78¦	1.13	.98	,08	7 • 49
73	91	.65	•92	2.66	40	2.31	1.73	1.14	5.13	1.57	<u>. 15</u> *	.21	<u>5.13</u>
74 75	•66 •32	1.29	.81 .88	2.81	1.23 3.19	2.07	•60 •42	2.47	•95	•77	1.99	.47	2.81
									·				
MEAN S. D.	•572	879		1.210	1.475	1.5/1	.727				1.005	755	3.09°
5. 17.	.597 1132	700 1012	.677 1115	1091	1.283	1104	1140	1140	1.278	1142	.921 1097	.739 1137	1331

USAF ETAC FORM 3-88-5 (OLA)

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

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12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN,	FEB.	MAR.	APR.	MAY	NUL	ากเ"	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
38				.00	. 00	× ,00	* .00		• •00			,00	1
	* .00		61	* .38	2.74	,10	2.10	3.65		-15	57	.79	31.9
.40	.61	1.08	1.00	4.23	3.66	7.71	1.11	.83	.66	5,23	2.07	3.75	*36 · 1
41	2.55	2.40	2.67	6.68	3.42	6.55	-60		4.11 7.99	4.38 8.71	86	_1,12	*39.0
42 43	.43		1.39	2.98	2,08	2.12	8.59	* 2.60 1.88	3.70	.97	.63 2.13	1.37	25.
44	1.03 4.55	1.55	3.04	1.81		2,79		3.03	2.60	1.02	3.65	3,06	*32.
45	2.61	3.91	5.86	1.48	38	4.00	.15 2.18	9103	2.99	4.30	-62	.86	30
.46	3.05		2.00	- * * 4 A A	- 430		2020		8.84	1.57	1.49	2,11	
47	3.11	19	1.50	.25	7.48	.0i	.88	4.49		17	1.39	1.87	21.
48	,42	1.56	.66	1,44	3,43	3,56		1,46	1,55	.2.70	.92	12	18.
.49	2.85	4.16	1.23	10.23	86	7.52	1.61	1.01	1.12	10.41	.03	3.78	44.
50	.26	1.90	.17	3,42	3,46	3,34		1,09	1.99	,31	.30	TRACE	17.
51	47	2.83	2.91	54	5.26	3.55	TRACE	37	3.59	1117	1.30	.16	22.
52	.60	2.17	2.39	4,77	3,54	3,88		TRACE	5.66	.00		2,78	*32.
53	58	1.08	.37	2.84	.88	3.06	02	4.53	6.25	2.54	.40	3.52	26.
54	.66	•09	.07	1,79	1,75	2,33	1,16	.32	.62	1:19	.51	,14	10.
55	1:74	4.66	1.51	20	3.01	2.66	1.08	1.86	.69	10	1.29	79	19.
-56	1.04	1.10	.27	.27	2,45	,30	.05	4.81	.55	.93	1.50	2,65	15.
57	.53	2.86	3.72	8.38	7.86	2.62	1.16	12	9.57	4.20	2.67	95	44.
58	4.19	5.15	1.00	1.93	3.28	1,88	2,07	,37	5.97	5,62	1.58	74	33.
59	.61	2.46	18	4,29	3.61	4.84	3.81	3.24	1.54	5.48	تنبل	2,56	33
60	1.17	1.80	1.79	2.89	1,15	5,02	. 82	4,39	₹90	11,44	1.78	2,71	35
.61	.65	1,72	. 13	44	.16	6.27	5.36	1.47	2.04	4.43	3.61	59	26.
.62	.56	1.26	•69	3.60	1,14	1,58	TRACE	,68	3.09	.35	4.51	1,88	19.
63	.47	3.31	. 15	1.94	2.43	2.02	.48	. 53	2.58	3.33	2.93	_lall	*21
.64	3.04	2.11	2.62	1,30	2.44	3.06	.16	3.33	3.44	1.93	4.04	1,89	29.
65	2.20	6.73	2.37	2.18	6.65	1,06	-08	.38	3.11	4,43	3.57	5,20	37,
.66	1.28	2.49	1.30	2.25	.2,61	1.45	•16	6,33	2.33	,40	TRACE	,22	20.
67		.36	2.34	60	2.82	02	3.51	1.27	10.84	2.26	<u>4.10</u>	_1,33	29.
MEAN							 	 -					
S. D. TOTAL OBS.							 		 				
IOIAL OBS.	ll	NOTE	* (BA	0.7.0	4 5.44			L	L	L		ــــــــــــــــــــــــــــــــــــــ	l

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

TOTAL MONTHLY PRECIPITATION IN INCHES .

MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
68	7.95	1.81	1.16	3.70	2,49	3,39	• 50	.83	4.41	1,27	5.75	,62.	33,88
69	1.01	3.03	2.79	3.24	3.43	2.92	-15	2.52	1.66	4.36	2.42	3,04	30.57
70	1.25	3.92		2.24	7.02	96	.87	1,89	3.11	1.38	.01 1.71	17	*24.70
71 72	.05	.39	-01	• 72	1004	<u> 1.80,</u>	28	7,68	4.78	3.88 1,53		3,44	26.91 32.01
73	1.14	2.40	2.07	.75 5.73	13,25 .81	3.58	1.45	3.74	2.23 15.45	5.26	3.50	27	*50.47
74	1.78	,10	1.51	4.72	4.19	99	1,90	8,55		2.61	4.76	1.19	35.27
75	.67	2.82	1.22	2.19	7.87	5.08	1.15	1.22		2.01	4.10	***	22161
				•									
					-								
											`		
							· - · · · · · · · · · · · · · · · · · ·						
MEAN	1.594	2.082	1.477	2.652	3.477	3-064	1.524	2.283	3.602	2.973	1.941	1.544	29.156
5. D	1.629	1.564	1.260	2.312	3.477 2.681	2.155	1.846	2.128	3.351	2.829	1.572	1.351	8.907
TOTAL OBS.	1132	1012	1115	1091	1134	1104	1140	1140	1071	1142	1097	1137	13315

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC NI M 0-88-5 (OLA)

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Data Processing Branch Bar Heather Service/Mac

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SHORE (FROM DAILY OBSERVATIONS)

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RANDOURH ARE TEXAS SAN ANTONEO

-46475

YEAR

			_			AM	OUNTS (NCHES)						PERCENT		MONI	HLY AMO	UNTS
PRECIP	NONE	TRACE	01	.02- 05	.06-10	.11- 25	.2650	.51.1.00	1.01-2.50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0 5-1.4	1.5-2.4	2.5-3 4	3.5-4.4	4.5-6.4	6.5-10 4	10.5-15 4	15.5-25.4	25.5-50.4	OVER 50 4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEFTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS		L		
JAN	97.3	.2,4	5					,1						.3	1930	.2	5 0	. • 6
FEB	19749	1,2	2	· • 2	. • 2	•1								, 8	824	į,	:276	يَ وَ دَ
MAR	99.7	, 3													977	TRACE	FRAÇE	. 00
APR '	100-0														:670	÷0	•0	į
MAY	9999	. , 1													1899	TRACE	PRAÇĒ	ý
אטן.	300 ¥0														:\$70	,0	0 يۇ ،	وُ وُ
JOF .	10350														i 8 ?9	0	0 و ،	,
AUG	100,0														1899	١ ٠	1 '	- 1
SEP	jooho														1970	. 0	۰ وُ 0	. 🙀
OCT ·	30030														1979	.0	ýÒ	. 🙀
NOV	19994														1967	YRACE	FRACE	į.
DEC	.3350	۲,		. ; 1	ì					-3 `	`			يَارِي	978	TRACE	. 46	. 9
ANNUAL	199.4	, 3	. , 0	6	•0	0 نو د		0			,			1	110426	3	X	\times

1210 WS JUL 64 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE ÓBSOLETE

CAR.

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 46-75

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24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR	APR.	MAY	MUL	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
46	TRACE								•0	•0	•0	TRACE	
47		.0	0		.0	0	0	0	0	0	0	6	6
48	•)	• 0	• 0	• 0	• 0	•0	.0	•0	•0	•0	•0	•0	•0
49	()	0	0	0	0		<u> 0</u>	0	0	0	0	0	5.0
50	• 0	• 0	.0	•0	• 0	• 0	.0	•0	•0	•0	•0	•0	•0
51	TRACE	TRACE	0	.0		0	0		0	0	0	0	TRACE
52	.0	• 0	.0	.0	• 0	• 0	.0	•0	•0	•0	.0	•0	•0
53	.0	•0	.0	. 0	0	- 0	0	. 0	.0	.0	.0	• 0	.0
54	TRACE	.0	• 0	•0	•0	•0	.0	•0	•0	.0	•0	•0	TRACE
55	• O,	0	0	.0	0	0	0	.0	0	0	TRACE	.0	TRACE
56	• 0	· C	.0	.0	•0	• 0	.0	.0	•0	•0	•0	.0	.0
57		.0	. 0	.0	. 0	0	0	0			TRACE	0	TRACE
58	(•	. 3	.0	•0	.0	•0	.0	•0	•0	• C	•0	•0	•3
59	TRACE	0	.0	• 0	0	•Ω	0	.0		.0		0	TRACE
60	• 0	TRACE	.0	.0	.0	• 0	.0	•0	•0	•0	•0	TRACE	TRACE
61	TRACE	.0	0	0	. 0	. 0	0	.0	0	.0	0	.0	TRACE
62	• 0	.0	TRACE	• 0	•0	•0	.0	•0	•0	•0	•0	.0	TRACE
63	TRACE	TRACE	.0	.0		. 0	0	0	0	.0		TRACE	TRACE
64	TRACE	2.6	.0	•0	.0	•0	,0	•0	•0	.0	-0	TRACE	2,6
65	.0	1.0		.0	. 0	0		0	0	0		.0	1.0
66	.1	2.1	.0	.0	•0	•0	.0	•0	•0	•0	.0	•0	2.1
67	. 1	8	.0	• 0	0		. 0	.0	0	.0	.0	TRACE	. 6
68	TRACE	•0	,0	•0	•0	•0	.0	•0	•0	•0	.0	•0	TRACE
69	.0	TRACE	0	.0	.0	. 0	0	0	0		0	TRACE	TRACE
70	TRACE	TRACE	,0	•0	.0	•0	.0	,0	•0	•0	, 0	.0	TRACE
71	TRACE	.0	.0	.0	.0	0	. 0	.0	0	.0	.0	.0	TRACE
72	TRACE	.0	0	•0	•0	•0	.0	•0	.0	•0	• 0	TRACE	TRACE
73	TRACE	1.9	0	0	. 0		0	0	0	. ô	0		1.9
74	.0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0
75	TRACE		0			ŏ	0	0					i
MEAN	.17	.29	TRACE	•00		.00	.00	•00	.00	.00	TRACE	.02	.30
S. D.	.912	.694	.000	.000	.000	000	.000	.000	.000	.000	.000	.111	1.297
TOTAL OBS.	930	826		870		870	899	899	870	899	867	898	10626

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC AN M 0-88-5 (OLA)

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

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RANDOLPH AFB TEXAS/SAN ANTONIO 46-75
STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE						_		•0	•0	•0	TRACE	
47	-0	0	-0	0	0	0	0	0	0	2.	0	6	6
48	.0	•0	•0	•0	• 0	•0	,0	•0	•0	•0	•0	.0	•00
49	5.0	0	- 0	0	0		0	0	0	•0	0	Ω	5.0
50 51	TDACE	TRACE	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	.00
52	TRACE		0	0	0	• 0	0	0	0	•0	0	-0	TRACE
53	•0	0	•0	0	.0	•0	•0	•0	•0	•0	•0	•0	* .00
54	TRACE	.0	0	•0		-0	0	-0	0		•0	•0	,00 TDA65
55	INACE	.0	00	.0	•0	•0	,0	•0	•0	•0 •0	.0	•0	TRACE
-56	ō	.0	.0	.0	.0	•0	0	•0	•0			-0	TRACE
57	0		.0		0	•0	.0	•0	•0	.0	.O TRACE	.0	TRACE
58	.0	.3	.0	ō	.0	•0	.0	•0	•0	•0	• O	•0	.3
59	TRACE	.0	ŏ		ŏ	Ö	Ö	ŏ	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	.0	.0	.0	•0	.0	•0	•0	•0	•0		TRACE
61	TRACE	.0	ŏ	ŏ	ŏ	ŏ	ő	. 0		•0		.0	TRACE
-62	.0	•0	TRACE	.0	.0	• 0	.0	•0	9.0	•0	.0	.0	TRACE
63	TRACE	TRACE	.0	0	. 0	10		-0	.0	.01	0		*TRACE
64	TRACE	2.6	.0	.0	.0	•0	.0	.0	0.	.0	.0	TRACE	2.6
65	.0	1.0	TRACE	0		2.	0		Ċ			.0	1.0
66	. 1	2:2	.0	• 0	• 0!	•0	.0	.0	•0	•0	•0	.0	2.3
67	1	. 8	0	0	0	.0	. 0	0	.0	0	.0	TRACE	. 9
68	TRACE	•0	•0	• 0	•0	•0	,0	.0	.0	•0	,0	.0	TRACE
.69	. 0		.0	0	0	0	0	0	.0	c	. 0	TRACE	TRACE
70	TRACE	TRACE	,0	•0	.0	•0	,0	•0	•0	•0	.0	•0	*TRACE
71	TRACE	0 .		.0	0	0	0	0	0	0	0	0	TRACE
72	TRACE	•0	.0	•0	•0	•0	,0	•0	•0	•0	•0	TRACE	TRACE
73	TRACE	1.9	0	. 0	0	.0	0	0	0	.0	0	. 0	* 1.9
74	.0	.0	.0	. 0	•0	•0	.0	•0	.0	•0	•0	•0	.00
75	TRACE		- 0	ا م	TRACE	0	امر	0		·			
MEAN	-17	.29		00	TRACE	00	00	00	-00	0.1	TRACE	.02	.52
S. D.	.912	704	-000	-000	000	000	-000	000	.000	.020	.000	111	1,144
LIDIAL OBS.	930	NUT!:	* (RAS	870)	< 500 € 500	870	199	899	870	399	867	898	10626

USAF ETAC AN H 0-86-5 (OLA)

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DAILY AMOUNTS

PERCENTAGE PREQUENCY OF (FROM DAILY OBSERVATIONS)

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RANDOLPH ARB. TEXAS/SAN ANTONIO

:38-75

VEARE

						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	
PRECIP	NONE	TRACE	01	.02- 05	.04-10	.1125	.26- 50	.51.1 00	1 01-2 50	2 51-5.00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0 1-0.4	0.5.1.4	1.5-2 4	2.5-3 4	3 5-4.4	4.5.6.4	6.5-10 4	10 5-15.4	15.5-25 4	25 5-50.4	OVER 50.4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13.24	25.36	37.48	49-60	61-120	OVER 120	AMTS				
JAN	198.9	. , 8	÷š	. • 1	• 1									. 43	1147	,		
FEB	79-3	43	• 1	. , 2	· į į									24	1024			
MAR '	100-0				:										1119			
APR '	700÷0														.1109			
W	100.0														1147			
אטנ '	100-0														-ĬĬĬO			
JUL .	10030										ļ				1 3 47			
AUG '	100.0														(jját			
SEP .	10000														.1080			
ост -	10050							 							1147			
NOV	99.9	. , 1													.1107			
DEC .	10000									1				†	.1246			T —
ANNUAL	99.1	- • 1	6.	٠٠٥	· • 0				-	~~				.1	. 33427			\times

1210 WS JUL 44 0-15-5 (OL.1)

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PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

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RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

DAILY SNOW DEPTH IN INCHES

MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV.	DEC.	All MONTHS
38				k 0	0	0	0	0	0	0	0	0	
39		<u> </u>	0	0	0	0	0	0				0	
40	2	70405	0	0	0	0	0	0	0	Ö	0	0	TDACS
41	0			0	0	<u></u>	0	0	0	<u>_</u>		0	TRACE
42 43	0i 0i	- 1	0	0	0	0	0	0	0	0 0	0	0	Š
44	0	Ö		0	0	0	o	0	0	0	0	0	
45	0	0		Ö	0	0	o	0 0	0	o	ŏ	0	Ö
46	0								0	0	0	0	J
47	ŏ		0	o	اه	ຄ	0	0	ŏ	ິງ	ŏ	ő	o
48	0	Ö	O	0	0	0	0	0	0	C	0	0	0
49	3	0	o	ō	_ 0	0	Ö	0	Ŏ		0	0	3
50	0	0	0	0	0	0	0	Q	0	0	0	0	0
31	TRACE	TRACE	0	Q	0	0	0		0	0	0	0	TRACE
52 53	0	0	0	0	o	0	0	0	0	O	0	0	0
53	c			0	0	0	0	0	0	0	0	0	0
54	0	0	0	S	0	0	0	0	j o	0	0	0	0
55	0				0	0	0	0	0	0	0	0	0
56	0			Ç	0	0	0	0	0	0	0	0	0
57	0			o	0	0	0	0	0	0	TRACE	0	TRACE
58	0		0	G	0	0	0	0	0	0	0	0	0
59	0	0		0	0	0	0	0		0	-0	0	<u> </u>
60	0	0		0	0	Q	0	0	0	0	0	0	0
61	TRACE			0	0	0	0	0	0	0	<u> </u>	0	TRACE
62	0	0		0	0	0	0	0	0	0	0	0	70.00
63	TRACE			Q	0	0	0	0	0	<u>0</u> ;	• 0	0	TRACE
64	0	1	0	0	0	0	0	0	0	0	0	0	0
,65 44	0			- 0		0	0	- 0	0		0	0	
66	0	1		.0	0	0		0	0	0	0	0	0
MEAN	<u> </u>			<u></u>									****
S. D.													1
TOTAL OSS.		 						 					<u> </u>
		NOTE		650 641	لسبيبا								

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC NOM 0465 (OLA)

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12911 RANDILPH AFR TEXAS/SAN ANTINIO 38-75

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	NAL	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	ост.	NOV.	DEC.	ALL MONTHS
68	0	0	1	0	0	0	0	0	0	0	0	o l	0
69	0	0			0		0			<u> </u>		<u> </u>	<u> </u>
70 71	0	0		0	0	0	0	0	0	0	0	0	0
72	0	o		ol	ŏ	o o	ő	Ö	0		o o	Ö	<u>0</u>
73	1	2		0	0	ol	ol	ol	0	0	0		2
74	0	0		0	0	0	0	0	O,	0	0	0	0
75	0	0	0	0		0	0	0					
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MEAN	. 2	2				0	0	.0	- 0	- 0	TRACE	0	1 2 2
S. D.	.601	601	.000				.000					000	1.243
IOIAL OBS.	1147	1024	1116	1109	1147	1110		1147	1080	1147	1107	1146	13427

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC AN M DOGS (CLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Ecaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

MOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

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DATA PROCESSING TRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 48-75

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN.	-8	MAR	APR	MAY	JUN	JUL.	AUG.	SEP.	ост	ис.	DEC.	ALL MONTHS
48		 			W *45		SE 40	SE 33	5SE*39	NE *39	N *43	NE *33	
49	N 435	*31	5 *32	NE #43	1	3		ENE 35				WNW 44	N . 53
50	N 38	N 39	NNE 39	WNW 44	NE 41	ESE 34	SE 30	2.8	NNW 33	NNE 27	N 46	NNW 43	N 46
	4	NNE 38	NNE 42	NNE 40					SSE 48		NNE 46	N 35	SSE 48
52	1 42	YNW 41	NNW 52	N . 35	N 35	NE 36	NNW 37	ESE 28	ENE 36	NE 34	NNE 43	NNW 34	NNW 52
	NNE 42	NNE 32		WSW 48					F		NNW 34	1 9	NW 5
54	NW 36	NNW 49	V 40	NW 43	NNW 36	ENE 31	SSE 50	N 49	ESE 30	NNE 36	NNW 33	N 41	SSE 50
55	NNW 41	¥ 42	NNW 43	N 31	NW 33	NNW 43		ENE 43		NNW 35		NNW 43	N 4
56	N 38	NNW 44	NNW 46	SW 37	WNW 65	5 32	SSE 35	N 37	SE 40	ENE 42	N 40	N 43	WNW 6
57	SSE 38	NNW 32	WSH 49	E 41		WSW 48	F		r		, ,,	NNE 34	WSW 4
58	NE 34	WNW 38	W 32	NNW 29		NNW 31			7	NNE 28			WNW 3
59	5 34	N 20	N 30	NNW 30		ESE 29			7	NNW 27	,	1	ENE 5
60	NNW 26	NNW 42	NNE 27	N 37	N 32	NE 33			Ţ		,	NNH 33	N 4
61	N 40	W 37		NNW 37		SSF 29		NNE 41]····	N 5
62	N 38	WW 29	NNW 28	SE 36	NNW 35	5 31	5SE 27	N 35	5 +25	ENE 31	N 31	N *27	N 3
63	N 42	N 36	N *30	SE *28		NNE*39		SSE#32				NNE 29	SE 4
64	NW *34	N 41	NNW 42		SE 31	SE *36	NNE*29	ESE 42	SE 28	NNE 34		NNE 34	NNW 4
65	W 33	N 40	N 29	WNW 37	5 47	ESE 31	ESE 29	ESE 40					5 4
66	NNW*31	SSE 30	N *37	E #30	NW #36	NE 29	SSE 30	HNE 33	N 32			NNW 37	N 3
67	NNE 28	N 39	N 34	NW 39	NNW 42		1	ESE 56			NNV 38	N 30	ESE 5
68	N 32	NNW 35	NNW 39	N 34	N 30	WNW 34	14/ 27	18/ 41	10/ 30	15/ 37	28/ 38	30/ 37	18/ 4
69	2/ 33	3/ 30	29/ 40	8/ 29	27/ 48	14/ 35	N/ 23	13/ 33	6/ 29		36/ 31	34/ 30	27/ 4
70	36/ 32	1/ 30	32/ 32	35/ 34	32/ 33	35/ 26	13/ 24	36/ 50	10/ 35	35/ 31	1/ 34	31/ 33	36/ 5
71	36/ 31	32/ 43	34/ 40	14/ 31	31/ 47	15/ 38	17/ 30	15/ 30	4/ 29	3/ 30	3/ 29	31/ 36	31/4
72	30/ 30	36/ 30	35/ 35	6/ 34	36/ 38	7/ 24	36/ 35	9/ 30	3/ 32	22/ 34	34/ 51	5/ 47	34/ 5
73	32/ 48	3/ 41	27/ 40	3/ 45	7/ 36	5/ 39	34/ 31	17/ 31		31/ 36	32/ 36	34# 42	32/ 4
74	25* 29	17/ 34	17/ 31	19/ 47	29/ 51			22/ 24	1/ 24	35/ 31		3/ 29	29/5
75	35/ 40	32/ 36	31/ 38		26/ 34			4/ 25					
										<u> </u>			
MEAN	35.9	36.3	37.1	36.9		34.0	32.7	35.2	34.0	34.7	36.1	36,4	48.
S. D	5.373			5.837	7.866	6.543	7.313	8,060	7,653	6.101	6.131	6,829	6,22
TOTAL OBS.	785	736	809	793	843	794	851	856	786	793	769	800	961

NOTES * (BASED ON < FULL MONTHS)

A) \$ (BASED ON < FÜLL MONTHS AND +100 KNOTS) USAF ETAC AN AN O-88-5 (OLA)

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

319652

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RAND	OLPH AF	B TEXA	S/SAN	ANTONI	<u>u</u>	38:	75		EARS			A	LL
			·			ALL WE	ATHER		·				— A	L L 8 (L.S.T.)
		<u>-</u>				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
	N	1.0	1.8	2.0	1.7	.5	.2	• 0	•0	• 2			7.3	9.
	NNE	.7	1.5	2.3	1.9	• 5	. 1	.0	.0	0			7.1	9.
	NE	.9	1.7	2.6	1.5	•2	• 0	•.0	•0				7.0	8.3
	ENE	.6	1.3	1.6	.6	.1	.0	.0	•0	•0			4.2	7.4
	E	.9	1.8	1.5	.4	٥٠	.0	.0					4.5	6.
ì	ESE	.7	1.3	1.5	• 6	1	.0	٠٥					4.3	7.
	SE	1.1	2.6	3.8	2.2	.3	. 0	•0					10.0	8 .
	SSE	, 9	2.8	4.8	2.9	. 3	.0	.0	• 0				11.8	8.
	\$	1.4	3,6	5.1	2.5	. 2	.0	.0					12.8	R.
	ssw	. 8	1.8	2.2	. 8	.1	. 0	• 0	•				5.7	7.4
	sw	.7	1.3	1.1	. 3	• 0	. 0	.0					3.3	5.4
	wsw	.4	. 6	,5	- 1	.0	0						1.7	5.2
	w	.4	•6	-4	1	.0	0	.0		0			1.5	6.2
	WNW	.2	. 3	.3		0		.0		.0			1.0	7.5
	NW	.5	•6	• 5	.3		-0	-0	.0				2.1	7.6
	NNW	.8	1.5	. 9	-6	2	-1	0					4.3	7.7
	VARSL	ļ									Ļ,		<u></u>	
	CALM	$\geq \leq$	11.5											
		120	25.2	21 0	16 8	27	.,,	, ,		_			100.0	7.1

JSAFETAC FORM 0-8-5 (DL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SW

NW NW NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

911	RAND	<u>OLPri AF</u>	<u>8 TEXA</u>	S/SAN	ANTONI	U	39-	75						AN
STATION			STATION	HAME					Y	EARS				HTKOL
						ALL WE	ATHER							44
						C	ASS						HOUR	\$ (L.S.T.)
						CON	PITION							
		_												
-											, ,		11	
1	SPEED											.		MEAN
- 1	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 . 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
-											-			
L	N	1.1	2.3	3.2	3.2	_lel		0	0		ļI		11.4	10.2
L.	NNE	.9	2.1	4.0	4.0	1.2	. 3	0	. 0				12.5	10.5
[NE	.9	2.0	3.8	2.1	.4							9.3	8.6
Γ	ENE	.5	1.4	1.4	. 3	• 0	.0						3.6	6.9
Γ	E	.61	1.2	.6	,1	0							2.5	5.5
ſ	ESE	•4	. 5	.5	• 1	•0	.0						1.5	6.2
Γ	SE	.6	1.0	1.1	.6	• 0							3.2	7.3
	SSE	•7	1.4	1.9	• 9	.1	0						4.9	7.6
	5	1.3	2.8	3.1	1.5	1	.0						8.9	7.4
ſ	66111	1 0	2 2	2 4	â	4							4 7	7 1

TOTAL NUMBER OF OBSERVATIONS 27377

12.9

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_	· · · · · · · · · · · · · · · · · · ·			ALL WF	ATHER						HOUR	<u> </u>
	_				сои	DITION		•					
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME/ WIN SPE
N	1.0	2,2	2.8	3.3	1.0	. 4	•0.	•0		 		10.7	10
NNE	.7	1.8	3.4	3.3	.7	.2	.0				i	10.1	10
NE	. 5	2.1	4.0	2.5	.3	.0				 		9.7	8
ENE	.5	1.4	2.3	.9	. 1	٥٠	0					5.2	7
E	. b	1.6	1.4	• 4	.0					ļ — — —		4.2	6
ESE	• 5	1.0	1.0	.3	•0							2,9	6
SE	• 6	1.5	2.0	_1.0	.2	C						5.3	H
SSE	.5	1.5	2.5	1.6	2	0						5.3	8
\$	1.0	2.5	3.5	1.8	.2	• 0						9.0	8
SSW	.7	1.7	2.3	. 9					l			5.8	
SW	.7	1:6	1.5	.5	2.	.0	<u> </u>			<u> </u>		4.3	6
WSW	• 4	. 8	•7	.3	.0		<u> </u>					2.2	6
	.5	•7	. 7	.3	0	0				<u> </u>		2.2	7
WNW	.3	• 4	5_	3	1	1						1.6	8
NW	6	.8	. 9	. 7	- 3				ļ	<u> </u>		3.3	8
NNW	1.0	2.0	1.4	1.4	6	3	-0		<u> </u>	ļ		6.8	9
VARBL		<u></u>			<u></u>				Ļ	Ļ.,			
CALM	$\geq \leq$	> <	$\geq \leq$		$\geq \leq$	$\geq \leq$	10.1						
	1									1			

24410

TOTAL NUMBER OF OBSERVATIONS

USAFFTAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

O

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RAHD	OLPH AF	B TEXA	S/SAN	INCTHA	<u>n</u>	39-	45.47-	75	EARS		· - · · · · ·	<u> </u>	AR_
						ALL WE	ATHER			,			A	L (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	23 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.9	1.7	2.1	2.4	1.0	. 4	.1	• C				8.6	10.8
	NNE	.7	1.5	2.6	2.9	9	.3	• 0			i		8.9	19.6
	NE	1.0	2.0	3.3	2.4	• 5	.1						9.3	9.0
	ENE	.6	1.4	1.8	8.	.1	.0	•0					4.5	7.8
	E	9	1.7	1.5	• 4	.0		• 0			i		4.6	6.4
	ESE	, 5	1.2	1.4	•6	.0	•0						3.7	7.3
	SE	.7	2.0	3.1	2.1	• 4	• 0						8.3	8.9
	SSE	.7	2.5	4.5	3.4	.4	.0						11.5	9.3
	S	1.1	2.9	4.3	2.6	. 2	•0						11.2	8.4
	ssw	.6	1.5	2.1	1.0	. i	•0						5.3	7.9
	SW	. 4	1.1	ဝှ	• 4	•0	• 0						2.9	7.1
	wsw	2	7	. 6	.2	. 0	. 0						1.8	7.2
	W	.3	.6	. 5	. 3	1	1						1.8	7.8
	WNW	. 2	. 3	.4	. 3	1		0					1.3	10.2
	NW	. 3	. 6	. 5	.6	3		•0					2.4	9.8
	NNW	.6	1.6	1.0	, 9	. 5	. 3	•0	0				4.9	9.6
	VARBL													
	CALM	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\times	\times	\times	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	8.8	
		0.0	22.0	20.7	21 2	, ,					l			

TOTAL NUMBER OF OBSERVATIONS

25954

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

L2911	RANDOLPH AF	B TEXAS/SAN	ANTONIE	<u>) </u>	38-	45,47-	KARS			PR
					ATHER		 	_		(L. L. S. T.)
	_			CON	DITION		 			
	_			······································			 	_		
-			т				 			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
И	9	1.4	1.7	1.7	.6	• 2	•0	•0				6.5	9.7
NNE	.5	1.3	2.1	1.9	• 4	• 2	•0					6.5	9.9
NE	•7	1.6	2.6	1.8	• 4	. 1	0					7.2	9.2
ENE	.6	1.2	1.8	.8	•2	0						4.6	8.1
E	. 9	1.9	1.9	•4	•0	.0						5.1	6.6
ESE	.8	1.7	2.4	1.2	. 2	0						6.3	8.1
SE	1.2	3.2	5.5	4.0	.6	.1	• 0					14.6	9.1
SSE	.8	3.1	6.1	4.5	.5	. 1	.0					15.2	9.4
5	1.0	2.8	4.8	3.1	• 4	• 0						12.1	8.8
SSW	. 5	1.1	1.4	•7	. 1	• 0						3.7	7.9
sw	. 4	•7	•7	• 2	Q							2.0	6.8
WSW	.2	.4	. 5	•1	•0	.0						1.2	7.4
₩	.2	.4	. 3	• 2	•0	.0	0					1.2	7.7
WNW	. 1	.2	.3	• 2	. 1		• 0					. 8	9.1
NW	. 3	.3	. 4	.4		.1	.0	0				1.7	10.1
NNW	5	1.2	. 9	٠Ó	.3	1	.0	.0				3.4	8.6
VARBL													
CALM		$\geq \leq$	><	><	><	><	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq <$		7.5	
	9.4	22.5	33.5	22.0	4.0	.9	1	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 26414

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS COITIONS OF THIS FORM ARE CRISOLETE

SSW

SW

W\$W

w

WNW

NW

NNW

CALM

0

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION RAN	DOLPH AL	B TEXA	S/SAN	ANTON	0	38-	75		rears	· · · · · · · · · · · · · · · · · · ·			AY
	-		·····		ALL WE	ATHER			·				L L 5 (L.S.T.)
	_				сон	DITION				_			
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.8	1.2	1.2	.8	.2	0	•0	•0				4.3	8.
NNE	.6	1.0	1.6	1.2	. 4	•1	•0					4.9	9.
NE	.7	1.5	1.9	1.3	.2	_ •0		• 0				5.6	8.
ENE	.6	1.2	1.3	•6	.1	•0						3.8	7.
Ε	1.0	2.0	1.8	•5	.1	.0						5.4	6.
ESE	. 8	1.8	2.3	1.0	. 3	. 0						6.2	8.0
SE SE	1.3	3.6	6.4	4.6	,7	1	•0					16.7	9.
SSE	. 9	3.7	7.5	5.4	•6	1	• 0	•0				18.2	9.
										1			

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TOTAL NUMBER OF OBSERVATIONS 27468

1.0

9.7

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSING BRANCH

ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN ANTONIO	38-75	YEARS	JUN
		ATHER		HOURS (L.S.T.)
	сон	DITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
И	.5	•7	.5	•2	.0		•0					1.9	6.1
NNE	• 3	•7	.9	• 3	.0	.0						2.3	7.4
NE	. 5	1.0	1.2	• 5	•1	.0						3.4	7.7
ENE	. 5	1.0	1.1	.4	.0	.0	•0					3.0	7.1
E	. 8	1.9	1.6	•5	. 1	0						4.9	6.6
ESE	. 8	1.7	2.2	1.1	. 2	0						6.0	7.9
SE	1.3	3.7	6.5	4.7	.6	• 1						16.9	9.1
SSE	1.1	4.4	9.2	6.5	.6	. 0	•0					21.9	9.3
5	1.4	4.6	8.5	4.5	.4	•1						19.5	8.6
SSW	• 7	1.7	2.2	• 9	.1	.0		i				5.6	7.7
sw	.5	•7	.6	.1	.0							1.9	5.8
wsw	• 2	• 3	•1	•0	.0							.6	5.1
w	. 2	.3	1	•0								.6	5.3
WNW	.1	•1	•1	•0		0						.4	5.5
NW	• 2	• 2.	•1	.1	.0	.0						.5	5.8
WNN	.4	.5	.3	.1	•0	.0		.0				1.3	5.8
VARBL											<u> </u>		
CALM	\geq	$\geq \leq$	\geq	\geq	\times	\geq	\geq	\boxtimes	\geq	\boxtimes	$\geq \leq$	9.4	
	9.6	23.4	35.2	20.0	2.2	. 2	.0	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 26497

USAFETAC FORM 0-8-5 (DL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2911 * STATION	RAND	OLPH AF	B TEXA	S/SAN	ANTONI	0	38≖	75		PEARS		<u>.</u>		UL
						ALL WE	ATHER			<u>.</u>				(L.S.T.)
						con	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.5	.5	.4	- 1	.0							1.5	5.8
	NNE	.3	.4	.4	.2	•0	.0						1.4	7.1
	NE	.6	. 8	8.	,4	.1	.0						2.7	7.3
	ENE	.4	•7	.8	.3	•0	.0	•					2.2	7.1
	Ε	8.	1.4	1.3	•5	.1	•0	•0					4.1	6.8
	EŞE	.7	1.6	2.2	1.0	.2	.0			i			5.8	7.9
	SE	1.5	4.1	6.0	2.9	.3	.1	•0					14.9	8.1
	SSE	1.7	4.9	8.4	4.1	. 3	.0						19.5	8.3
	\$	2:2	6.8	8.5	3.3	.3							21.0	7.6
	SSW	1.1	2.9	3.1	.8	•0							7.9	6.9
	SW	.9	1.7	1.1	•1	0							3.8	5.6
	WSW	-4	.5	.3	•0								1.2	4.9
	W	.4	.3	.1	•0					i			. 8	4.4
	WNW	1	, Ž	.1	.0	Ī	.0						-3	5.1
	NW	.2	.2	.1	.0	.0							5	5.2
	NNW	.2	.2	1	-1								. 6	5.3
	VARBL										L		1	
	CALM	$\geq \leq$	11.7											
		12.1	26.9	32.7	14.0	1.4	1	20					100-0	6.6

TOTAL NUMBER OF OBSERVATIONS

27446

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RANDOLPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

27017

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KINTS) 1 - 3		_			 .	ALL WE	ATHER						A HOUR	<u>L</u>
SPEED (KNTS) 1 · 3		-			<u></u>	сон	DITION							
N	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21		28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	Ī
NNE			49											ļ
NE 8 1 0 1 3 6 1 0 0 0 3,7 ENE 7 1 0 1 2 6 0 0 0 0 0 3,6 E 1 2 2 1 1 9 6 1 0 5,5 ESE 1 0 1 0 2 0 0 0 5,5 SE 1 8 4 2 5 1 2 5 3 0 0 13,5 SSC 1 5 3 8 5 8 2 6 2 0 0 0 14,0 SSW 1 1 2 5 3 2 9 1 1 0 0 16,3 SW 9 1 0 1 0 0 0 7,6 SW 9 1 0 0 0 1,0 0 1,0 WSW 5 0 0 0 0 1,0 0 0 NW 4 0 0 0 0 0 0								-0						i
ENE									<u> </u>	•0				ł
E 1.2 2.1 1.9 .6 .1 .0 .5.9 ESE 1.0 1.7 2.1 .9 .2 .0 .0 .0 .5.9 SE 1.8 4.2 5.1 2.5 .3 .0 .1 .3.9 SSC 1.5 3.8 5.8 2.6 .2 .0 .0 .0 .14.0 S 2.1 5.3 6.6 2.5 .1 .0 .16.3 SSW 1.1 2.5 3.2 .9 .1 .0 .0 .0 .7.5 SW .9 1.7 1.3 .2 .0 .0 .0 WSW .5 .7 .4 .1 W .4 .5 .2 .0 .0 .0 NW .3 .2 .1 .0 .0 .0 NW .3 .2 .1 .1 .0 NNW .5 .5 .5 .2 .0 .0 .0 .0													,, , , , , , , , , , , , , , , , , , , ,	ł
ESE 1.0 1.7 2.1 .9 .2 .0 .0 .0 .5.5 .5 .5 .5 .5 .5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0								•0	•0					I
SE 1.8 4.2 5.1 2.5 3 0 SSC 1.5 3.8 5.8 2.6 .2 .0 .0 S 2.1 5.3 6.6 2.5 .1 .0 SSW 1.1 2.5 3.2 .9 .1 .0 .0 SW .9 1.7 1.3 .2 .0 .0 WSW .5 .7 .4 .1 .1 W .4 .5 .2 .0 .0 .0 NW .2 .2 .1 .0 .0 NNW .3 .2 .1 .1 .0 NNW .5 .5 .2 .0 .0 .0 VARBL												 		1
SSC 1.5 3.8 5.8 2.6 .2 .0 .0 .0 .14.0								0						
\$ 2.1 5.3 6.6 2.5 1 .0 16.5 \$\text{SSW}														
SSW 1 • 1 2 • 5 3 • 2 • 9 • 1 • 0 • 0 7 • 6 SW • 9 1 • 7 1 • 3 • 2 • 0 • 0 4 • 2 4 • 2 WSW • 5 • 7 • 4 • 1								0				<u> </u>		
SW 9 1.7 1.3 .2 .0 4.2 WSW 5 .7 .4 .1 W 44 .5 .2 .0 .0 .0 WNW 2 .2 .2 .1 .0 .0 .0 NW 3 .2 .2 .1 .1 .0 .0 NNW .3 .2 .1 .1 .0 .0 NNW .5 .5 .2 .0 .0 .0 .0									ļ			 		•
WSW								<u>0_</u>						•
W						<u>•0</u>			ļ					
WNW							 	ļ				 		•
NW .3 .2 .1 .1 .0		- 4	2			- 0			 -		ļ		*	•
NNW						<u> </u>	0	 	ļ			 		
VARBL		**						 	ļ					1
·····································		∦ •5_	1 42		0	-0		 	ļ			 	<u> </u>	ł
CALM 14.4				\leftarrow							-		 	ł
	CALM		\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.4	J

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RANDOLPH AFB TEXAS/SAN ANTONIO

			STATIO	HAME					7	TARS .			- •	NTRO
		_				ALL WE	ATHER							L L * (L.S.
		_						····						
		-	·				DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME W
H	N	1.4	2.5	1.9	1.1	•2	•0	•0	•0				7.2	-
٦	NNE	1.0	1.8	2.4	1.6	.3	•0						7.2	- 8
-	NE	1.4	2.5	3.3	2.1	•3	.1	•0					9.7	
	ENE	1.0	2.0	2.6	1.3	.2	•0						7.0	
	E	1.2	2.7	2.4	.7	.0	.0						7.0	-
	ESE	1.0	1.9	1.8	.7	.1	•0						5.5	-
Γ	SE	1.3	3.0	3.2	1.5	.1	• 6						9.2	
	SSE	1.0	2,7	3.2	1.7	.1	•0						8.6	<u> </u>
	\$	1.2	2,9	3.9	1.8	. 1	.0						9.9	
	SSW	.7	1.2	1.4	.5	.1			•0				3.9	
	sw	.5	29	.6	•2	.0							2.2	
	WSW	.3	.4	.2	• 1	.0							1.0	!
	W	.4	. 4	. 2	0	0							1.0	يا
L	WNW	2	2	2	.0	0	.0						.6	
L	NW			.3		0	0						1.3	\Box
-	NNW	1.2	1.6	6	-2			0					3.7	<u> </u>
L	VARSL		Ļ,			Ļ	Ļ			Ļ	ļ		ļ	<u> </u>
	CALM		$\geq \leq$	14.9										
		14.4	27.4	28.2	13.3	1.5	. 2	1	_0				100.0	

TOTAL NUMBER OF OBSERVATIONS 25.831

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

> NNW VARBL

RANDOLPH AFB TEXAS/SAN ANTONIC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			214.10							LEVEN			•	
						ALL WE	ATHER				 .			LL
							LA 56						NOVE	\$ (L.S.T.)
		_	···			сон	ROITION							
		_												
	SPSED (YNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.7	2.9	2.5	1.7	.4	.1	.0	•0				7.2	7.8
	NNE	1.1	2.2	2.6	1.5	, 2	.1						7.8	8.1
	NE	1.2	2.3	2.9	1.1	.1	•0						7.P	7.4
	ENL	•9	1.7	2.1	•5	.1	.0						5.3	7.0
	E	1.2	2.0	1.6	3	.0							5.	5,9
	ESE	.9	1.3	1.4	.3	. 1	•0						4.0	6.5
	SE	1.1	2.6	3.3	1.3	1	0						8.4	7,4
	SSE	1.0	2.4	4.2	1.7		. 0						9.3	7,9
	S	1.4	3.2	4.7	1.9	•1				1			11.2	7.6
	ssw	.8	1.3	1.7	•6	• 0							4.4	7.1
•	sw	6	1.0	.9	.1	•0							2.7	6.1
	wsw	.4	. 5	. 4	•0								1.3	5.6
	W	-4	.5	3	.1	.0							1.2	5.4
	WNW	.3	•3	.2	·Ú	0	C				<u> </u>		. 8	5.4
	NW	-	7		3	-		~		1	<u> </u>			

TOTAL NUMBER OF OBSERVATIONS 27318

13.4

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS SOLITIONS OF THIS FORM ARE OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2911 STATION	RANDI	OLPH AF	B TEXA		ANTONI	<u>c</u>	38-	74	 ,	EARS				OV.
		_				ALL n	ATHER							L L 8 (L.S.T.)
		_				CON	BITION							
1		-		~							_ _			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
1	н	1.2	2.9	3.4	2.8	. 9	3	• 0					11.6	9.5
[NNE	.9	2.4	3.5	2.9	9	3	.0_	•0				10.9	10.0
	NE	1.0	1.9	3.0		. 2				·			7.7	8.2

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	3.4	2.8	9	3	C					11.6	9.5
NNE	. 9	2.4	3.5	2.9	9	- 3	•0	•0		I		10.9	10.0
NE	1.0	1.9	3.0	1.6	.2	0						7.7	8.2
ENE	.6	1.4	1.5	.4	. 1	.0						4.0	7.0
E	.8	1.3	. 3	.1	C							3.0	5,5
ESE	.5	•7	. 5	• 2	0							1.9	5.9
SE	.7	1.4	1.7	. 8	•	3						4.6	7.3
SSE	• 7	1.8	2.5	1.7	.2							7.0	8.5
5	1.4	2.8	3.9	2.5	.3		.0					10.5	8.2
SSW	. 9	1.9	2.2	1.2	1	9						5.4	7.8
SW	,6	1.5	1.3	.4	زنو.	0						3.9	6.7
WSW	, 5	.7	• 7	• 1	•0							2.0	6.0
w	. 5	. 8	- 5	.1	.0							2.0	5.8
WNW	- 4	• 5	• 3	.2	· C	.0						1.4	6.5
NW	. 8	1.2	1.0	. 3	1	0						3.4	6.5
NNW	1.2	2.9	1.7	1.0	.4	1	0	. 0				7.5	7.8
VARSL													
CALM	$\geq \leq$	$\ge \le$	\times	\mathbb{X}	\times	\times	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	11.9	
	12.7	26.3	28.3	16.4	3.3	1.0	1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 26531

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

27389

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				CON	DITION							
SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
DIR.													SPEED
N	1.2	3.1	3.7	3.1	1.1	. 4	.0					12.5	9.7
NNE	,9	2.1	3.7	2,3	. 6	. 1	٠,0					10.2	9.3
NE	, 9	2.3	2.9	1.5	. 2	.0						7.9	8.0
ENE	.7	1.4	1.4	• 5	•0					i		4.0	6,9
E	. 8	1.3	•7	•2								2.9	5.5
ESE	.4	.6	. 4	.1								1.5	5.5
SE	.6	1.0	1.1	.3	•0	.0						3.0	6.8
SSE	.7	1.5	2.0	• 9	.1	2•						5.1	7,7
\$	1.2	2,8	3.2	1.5	. 1	. 0						8.8	7.5
SSW	.9	2.0	2.5	.8	1	. 0						5.4	7.3
sw_	101	1.9	1.7	.5	.0	٥٠						5.2	6.5
WSW	.7	1.2	1.0	. 2	0				<u> </u>			3.2	6.1
w	.8	1.0	<u>. 8</u>	2	.0							2.9	6.0
WNW	4	. 5	•6	.3	.0	0						1.8	7.7
NW	.8	1.4	1.0	• 5	. 2		.0					4.1	7.8
NNW	1.3	2.3	2.0	lel	-4	2_	.0					7.3	8.1
VARBL												1	
CALM	><	><	><	><	><	><	><	><	><	><		13.3	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANCOLPH AFR TEXAS/	SAN ANTONIO	39-75	YEARS	JAN MONTH
			FATHER CLASS		0000-0200
		50	HOITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	2.7	3.0	2.6	, 8	.3	• i					10.9	9.2
NNE	1.1	2.3	3.7	3.3	1.2	.4	.1			1		12.0	10.3
NE	1.0	2.1	3,3	1.8	. 3							8 6	8.0
ENE	• 4	1.1	.8	• 2								2.3	6.0
£	, 3	•6	.2	•1								1.3	9.7
ESE	. 3	• 4	.4	• 1								1.2	6.1
SE	• 7	. 6	. 9	• 1								2.3	6.3
SSE	. 9	1.1	1.6	• 5	٥٠							4.2	6.9
5	1.3	2.6	3.0	. 9						i	<u> </u>	7.8	6.9
ssw	ږې	2.0	1.5	,2	•						L	4.6	5.9
sw	1,4	2.8	1.1	.2								5.4	3.5
WSW	1.0	1.0	7	• 1	•0							2.8	5.4
w	7	1.1	- 5	• 2	•							2.6	5.5
WNW	,5	1.0	•7	• 2	.0							2.4	6.3
NW	1.0	2.0	1.4	. 4	0							4.5	6.3
WWW	1,8	3.2	1.7	1.1	. 5	1	•0					0.4	7.2
VAPSL								<u> </u>			1		
CALM	><	$\geq \leq$	\geq	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$				25,1	
	14.8	26.6	24.6	12.1	3.0	. 7	2]	125.0	6al

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLESE

RANDULPH AFE TEXAS/SAN ANTONIU

SURFACE WINDS

TOTAL NUMBER OF ORGENVATIONS

3423

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER							~0500
					H03	DITION							
SFEED (KLITS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	A# - 55	≥56	%	MEAN WIND SPEED
N	1.4	2,8	4.1	2,9	1.4	زد						:3,3	9.4
NNE	1,2	2.7	4.6	3,5	.9	. 3	•0					13.4	9.8
NE	1.3	3.7	2.2	1.2	.3			_				7.2	8.0
ENE	52	v.8	Ł.	, 2								1,9	6.8
٤	- 4	. 6	e i	•1					1			1.1	5.0
265	. 3	. 2	2)						7.1
SE	3	, 5		. 3								1.5	7.0
SSE	. <u>e</u> t	لقعقب	لمالم	2.								3,2	1.00
	سعة و لمسيسا	107	205	14				 	L		ļ	5.2	<u> </u>
SSW	1.1	1.7	. 8	<u></u>						<u> </u>		2.1	_5.1
5W	1.5	4.4	104	• 1						<u> </u>	 	5.4	5.3
WSVY	1.1	100	شنعالم							<u> </u>	ļ	3.6	5.6
<u></u>	قعل ا	1.3		i <u> </u>				! 	ļ	<u> </u>	<u> </u>	4.1	5.3
WNW.	20.	. ?		<u>ie.</u>	-0		' 	<u> </u>	<u> </u>	<u> </u>		2.1	5.7
NW	1-10-	5.0					ļ	<u> </u>		<u> </u>	<u> </u>	4.9	6.4
MCIN	1-3	4.3	2.5	۔! ما۔ ـ	13		ļ	; — —	<u> </u>	<u> </u>	-	10.1	6.7
VAREL	<u>.</u>	,		Ļ ,-	ļ		ļ	<u> </u>	_	_	Ļ		
CAÙM		$\geq \leq$	ا مسرع مسرع	$\geq \leq$		$\geq \leq$					<u> ><</u>	17.8	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBJOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RAND	OLPH AF	BIEKA	HAME	ANTONI	<u>u</u>	39-	75	 ,	raar			·	TONEN ALA
					ALL WE	ATHER				~~		0600 HOUR	=080 • (Ls.t.)
	_				сон	DITION							
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPFED
N	1.6	3.9	3.7	3.4	1.1	. 3		- 1	<u> </u>		1	14.2	Э,
NNE	1.2	2.8	4.8	3.8	1.4	v 2				1		14,3	2.8
NE	. 8	2.4	3.1	1.8	- 4					T	 	3,6	8
ENE	.3	.9	• 4	.2		.0					7	1.3	6.
ŧ	• 4	•7	.1	.1					1			1.3	5
ESE	• 2	ì	. 1	•1								.6	6.
SE	.4	• 7		1								1.7	5.
SSE	.5	3.	1.6	2.	0							2.1	6.
\$	1.2	2.2	1.7	. 2					L			5.3	5.0
SSW	1.0	1.9	. 3	0						1		2.7	20
sw	1.1	2.0	1.0				Ĺ			<u> </u>		4.	5.
WSW	1.0	1.5	1.3					<u> </u>				3.9	5.
W	1.3	1.7	9				! {		<u> </u>	<u> </u>	<u>. </u>	4.5.	ك. 5. ــــــــــــــــــــــــــــــــــ
WNW	.3	7	5_				<u> </u>		<u></u>			1	tee
NW	1.6	2.0	1.3	-6					<u> </u>	<u> </u>			1:0
NNW	1.9	4.2	2.2	<u> </u>						<u> </u>	<u> </u>	205	60
VARBL				Ļ		<u></u>	<u></u>			<u> </u>			!
CALM		$\geq \!$	$\geq \leq$	$\geq \leq$			$\geq \leq$					16.4	
	π		((,				·~	4	

USAFETAC FORM C-6-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

€

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 97/) IOH	RANDULPH AFE TEXAS/SAN ANTONIO	39-75	JAN NOTH
913 Jack		FATHER	0900-1100 NOVER (LE.T.)
		CLASS	HOURS (L.S.T.)
		ONOTHION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	* *	MEAN WIND SPEED
N	.9	1.6	3.0	4.2	1.7	. 8	-1					12.3	11.8
NNE	.5	1.8	4.6	5.i	1.2	. 3						13.6	10.9
NE	.9	1.9	4.5	2,9	. 5	.1						10.8	9.6
ENE	. 3	1.7	1.8	. 8	,1					T		5.3	7.4
8	. 7	1.5	ò	• 1								3.1	5.7
ESE	- 4	.6	. 3	, ე								1.3	5.3
SE	5ء	9ر	• 3	• 2	20							2.0	5,9
SSE	.3	. 8	ظوا	• ₺_	• 1							3,6	3.+
5	1,1	2.7	3.0	1.8	3							8.8	7.9
\$SW	1.1	2,4	3.3	1.3	- 1	- 0						R.2	7,5
sw	. 9	2.2	2.5	. 8			0.0			<u> </u>		6.4	7,4
W3W	. 5	iel	1.6	• 4								3.6	_7.1
w	.6	. 8	,6	1				L				2.3	7.1
WNCY	2	- 4	. 3	3		1						1.3	9.2
NW	. 4	ال و	1.0	. 8	1	1						3.1	8.6
NNW	اف	1.0	1.4	2.0	٥٠	. 2					Ĺ	5.8	10.7
VARBL								<u> </u>					
CALM		><	><	><	><	><					$\geq \leq$	8.7	
	10.3	22.0	30.7	21.0	4.8	1.7	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 3422

USAFETAC TORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CASOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	JETS AL	STATION	HAME	ANTONI	<u>u</u>	39-	(2		E L DS				C iv
		 		<u> </u>	ALL WE	ATHEK			 -			1200	-14(
	_				COP	эгтіож							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 • 21	22 - 27	28 · 33	\$4 - 4C	41 - 47	48 - 55	≥.56	*	MEA WIN SPEE
N	.5	1.1	3.0	3.8	1.5	.6	•1					10.8	12
NNE	6	1.4	3.3	5.2	1.0	. 4						11.8	11
NE	•7	1.8	4.3	2.7	.4	1				 		0.9	9
ENE	.3	1.4	_ Z.O	• 4	• 1						 	4.2	7
E	.6	1,4	1.2		0			l				3.5	. 6
ESE	• 4	.6	• 4	•0	.0				l			1.5	5
SE	. 4	.6	.6	• 5	• 3					i	 	2.1	7
SSE	.4	1.1	1.5	. 9	•0	0						4.0	- 8
5	1.1	2.5	4.6	4.4	- 4	• i					1	13.1	2
ssw	. 8	2.4	6.1	3.1	. 2	- 1		 -				12.7	ş
sw	.6	1.9	3.1	1.3	2	0						7.2	13
V/SW	. 3	. 9	1.2	.6	•0							3.0	**
w	2	6	. 8	• 4	. 2							2.3	8
WNW	. 1	. 2	- 4	• 5	.1							1.5	1.0
NW	• 1	5	. 9	. 3	. 2				<u> </u>			2.7	10
NNW	- 1	. 5	1.2	1.7	• 7	. 3						4.4	12
VARBL													
CALM									abla			5.3	

TOTAL NUMBER OF OCCERVATIONS 3418

USAFETAC FORM 0.3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RAND	OLPH AF	E TEXA	S/SAN	ANTONI	:C	39-	•75			:			4.4
HOLTATE			STATION	MAME						YEARS				HONTH
		_				ALL WE	ATHER							-1700
							LA35						NOUR	8 (L.S.T.)
						CON	DITION							
		_						· · · · · · · · · · · · · · · · · · ·						
					,								ı 	
	SPEED (KNTS)	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56) _%	MEAN WIND
	DIR.	1.3	4.0	7.10	11.18	[" - 2"	22 · 2/	20.33	34.40	41 . 4/	46 . 33	230	7	SPEED
	N	3	1.0	2.9	3.8	1.4		<u> </u>		 			9.8	12.0
						+	-3	•0		 				
	NNE	.4	1.6	4.5	3.8	1.3	.3						11.9	10.9
	1	ا عا		2 4.	1 2 6	I /.		1	1			3	11 0 -9	1 2 7

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 3	1.0	2.9	3.8	1.4	. 3	.0					9.8	12.0
NNE	.4	1.6	4.5	3.8	1.3	. 3						11.9	10.9
NE	.5	1.7	3.6	2.4	.4	-1						8.7	9.4
ENE	. 4	1.8	2.0	• 4	. 1							4.7	7.2
E	. 8	1.9	1.3	•1								4.1	6.0
ES€	. 4	1.0	.7	•1	• 0	C						2.2	6.6
SE	.7	• 3	• 9	1.2	• 1							3.7	8.2
SSE	. 5	1.2	2.5	1.5	• 1							5.8	8.7
S	1.0	3.4	5.8	3.4	-1							13.6	8.4
SSW	1.6	2.7	5.7	1,7	-							11.1	8.0
sw	• 6	1.5	2.4	1.2	• 1							5.7	8.1
WSW	, 3	. 5	i.2	• 5	1							2.6	8.3
W	.3	•6	. 8	• 3	1							2.1	7.9
WNW	1	• 3	.3	.4	•)	1			0			1.4	11.4
NW	2.	. 4	.6	.8	. 3	.1			L			2.4	11.2
NNW	. 1	• 7	1.C	1.7	. 5_	. 2						4.2	11.9
VARBL													
CALM	$\geq \leq$	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.9					
	7.4	21.3	36.1	23.5	4.7	1.1	0		.0			100.0	8.6

TUTAL NUMBER OF OBSERVATIONS 3430

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RAMODEPH AFE TEXAS/SAN ANTONIO		JAN
	14,000 (1)	FATHER CLASS	1800-2000 HOURS (L.S.Y.)
	C	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	2.1	3.2	2.2	.7	.1	•1					9.5	9.4
NNE	.7	2.1	3.7	3,4	1.3	-5	• 6					11.6	10.7
NE	8.	2.4	4.5	2.1	. 3	• 1						10.1	8.6
ENE	8	1.9	2.0	•2								4.9	6.3
E	1.0	1.9	.7	.1								3.7	5,1
ESE	• 7	.9	.9	.4								2.9	5.7
SE	1.1	1.8	2.5	1.5								6.9	7.5
SSE	1.1	2.6	2.8	1.5	•1							8.1	7.5
5	2.3	4.1	2.3	.2	.1							9.1	5.5
SSW	1.2	2.8	1.3	•1								5.5	5.4
sw	. 8	1.5	.9	•1					1			3.4	5.6
WSW	.3	. 8	.3		• C							1.5	5.8
w	.3	. 6	.2	•1	.0			<u> </u>				1.2	5.1
WNW	.4		. 3	•2								1.2	6.4
NW	.4	.7	. 8	. 3	•1	. 3	•0					2.3	8.0
NNW	. 4	1.2	1.5	.7	.1	. 1						3.9	8.2
VARSL								1					
CALM	\searrow	\times	\supset	\times	\times	\times	$\geq \leq$	$\supset <$	\boxtimes	\geq	$\geq \leq$	14.3	
	13.2	27.8	27.9	13.1	2.7	. 8	1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

DATA PRICESSING ERA CHETAC/USAF AIR WEATHE' PEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2911	RAMOOLPH AFB TEXAS/SAN AMTONIO	39-75		<u>JAN</u>
STATION	STATION NAME	ar programme and a second second	TEARS	MONTN
	ALL	WEATHER CLASS		2100-2300 HOURS (LIST.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.0	2.6	2.3	•6	.2	.0					12.2	8.7
NNE	1.2	2.1	2.8	3.7	1.1	• 4		•0				11.4	10.5
NE	1.1	2.4	4.0	2.4	.3	• 1						10.3	8,8
ENE	.6	1.3	1.2	• 2								3.3	6.4
Ε	. 83	. 8	• 2	•1								2.0	4.9
ESE	. 4	• 5	• 7	• 2								1.8	6,9
SE	.6	1.7	2.3	• 6								5.2	7.3
SSE	1.2	2.1	3.0	1.6	1							8.0	7.6
S	1.6	3.5	2.0	. 6								7.9	5.1
SSW	.8	2.0	1.3	• 2					<u>.</u>			4.2	5.9
sw	1.2	1.5	1.1	• 1					l	<u> </u>		3.9	5.1
WSW	,4	. 8	.6							<u> </u>		1.8	5.4
w	. 6	. 8	. 3	. 1					<u></u>			1.7	5.0
WNW	.4	• 6	, 5	• 2	-1					<u></u> _		1.8	5.3
NW	. 9	1.3	.6	4	0	.0	0					3.2	6.4
WHM	1.3	2.8	1.4	• 7	. 3	1	.0		<u> </u>			6.6	7.1
VARBL										<u> </u>			
CALM	$\geq \leq$	16.8											
	14-4	27.0	24.6	13.7	2.5	.9	.1	•0				100.3	6.2

TOTAL NUMBER OF OBSERVATIONS 3416

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.

WSW

WNW

NW

NNW VARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			~		ALL WE	ATHER							-0200 (LS.T.)
	<u>-</u> -				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	4R - 55	≥56	*	MEAN WIND SPEED
N	1.1	3.0	2.9	2.4	7	.3						10.3	9.0
NNE	, 9	1.8	3.4	2.9	• 5	.2						9.8	9.5
NE	1.0	2.6	4.0	2.4	3	.0						10.3	8.4
ENE	.6	. 8	1.5	• 5	• 1							3.4	7.9
E	.4	1.1	.9	• 2								2.6	6.3
ESE	. 3	1.0	•7	• 2								2.2	6.5
SE	.7	1.7	1.3	• 7	.0							4.9	7.3
SSE	1.0	2.2	2.0	• 9								6.1	7.0
S	1,5	2.7	3.4	1.2	.3	-0		l				9.2	7.6

TOTAL NUMBER OF OJSERVATIONS 3053

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RANCOLPH AFE TEXAS/SAN ANTONIO

.7_

2.1 2.0

4.3

14.5

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C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH A	AFE TEXAS/SAM	CINCTUA	39~75	YEARS		FEB MONTH
			ALL N.F.	ATHER			(1200-0500 HOURS (L.S.T.)
			СОМВІ	TION			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	3.8	2.7	3.3	۰δ	3						12.6	9.0
NNE	1.0	2.3	4.3	3.5	• 5	. 2	.1					11.9	9.5
NE	9	2.C	3.6	2.1	. 2	•						8.9	8.5
ENE	.5	1.1	1.3	•5								3.4	6,9
£	.8	1.1	.7	•2								2.8	5.7
ESE	.3	5.	.3	•1								1.4	5.4
\$E	.5	1.0	• 7	• 4						i		2.5	6.5
SSE	• 4	.9	1.3	.5	. 1							2.2	7.7
\$	1.0	1.9	2.7	.8	.1							6.5	7.3
SSW	1.2	1.5	.7	• 1								3.8	5.4
sw	1.3	2.5	1.0									4.0	5.1
WSW	• 9	1.4	.8	-1								3.1	5.1
w	1.1	1.0	. 8	.1								3.1	5.1
WNW	. 5	. 5	. 4	. 1	.0	1						1.6	6.6
NW .	1.4	1.4	1.5	-5	.2							5.1	6.6
NNW	1.7	4.0	1.5	. 9	4	.2			I			8.6	6.9
VARBL								i					
CALM	$\geq <$	> <		$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$	$\triangleright <$			16.4	
	15.2	27.3	24.8	13.2	2.2	. 8	. 1					100.0	6.2

TOTAL HUMBER OF OBSERVATIONS 3055

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RANLOLPH AFE TEXAS/SAS ANTONIO	39-75	FF8
STATION	STATION NAME	YEARS	KINOK
	ALL WE	ATHER	0600-0800
		LASS	HOURS (L.S.T.)
	CO	IDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	1: - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	3.3	3,9	3.2	1.1	• 4	•0					14.0	9.2
NNE	1.2	2.4	4.7	3.6	• 5	• 2	•1			1		11.9	9.6
NE	1.0	2.3	4.5	2.3	• 2							10.6	8.5
ENE	.8	1.8	1.1	•3		•0			1			4.1	6.3
E	.6	1.2	1.0	• 3								3.2	5.4
ESE	.4	.6	.4	•2						1	ļ —	1.5	5.9
SE	.31	• 9	•6	•2					 		i -	2.0	6.6
SSE	.6	.9	•7	• 4	•1		i ———			 		2.6	7.0
S	.3	1,9	2.0	•6					 	· · · · · · · · · · · · · · · · · · ·		5.2	7.0
ssw	.7	1.7	1.1	. 4						ļ		3.9	5.2
sw	. 4	1.8	1.2	•1						· · · · · · ·	<u> </u>	4.0	5.5
wsw	.5	1.1	. 9	2.	•0				1	 		2.7	5.9
w	.7	1.2	1.1	• 3	.1	• 0						3.4	5.5
WNW	.5	. 5	• 2	• 2	•0					· · · · · · · · · · · · · · · · · · ·		1.5	6.1
NW	1.1	1.2	1.2	•6	.1	•0						4.4	6.9
NNW	2.0	3.5	1.6	1.1	.4	• 1	• ^					8.8	6.9
VARBL						-					 	T	7.1.
CALM	$\geq <$	$\geq \leq$	\geq	\geq	$\geq <$	$\geq <$	\times	>	\geq	>	$\geq <$	16.3	
	14.1	26.4	25.9	13.8	2.5	3	. 1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 3056

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		2.7.10										•	
					ALL ME	ATHER							-1100
					CI	A88						NOUR	\$ (L.S.T.)
					COM	DITION							
													
SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN
DIR.	'''	7.0	7 - 10	11 - 10	17 - 21	22.27	20 - 33	34 - 40	7,,		-30	~	SPEED
N	9.	1.2	2.5	4.1	1.5	. 6						10.8	12.0
NNE	.5	1.6	3.1	4.1	Lel	. 3						10.8	11.2
NE	.7	2.7	3.8	4.1	. 4							11.8	9.4
ENE	. 5	1.0	3.1	1.2	.2	.0						7.2	8.1
£	.7	2.0	2.2	• 5								5.3	6.9
ESE	.5	• 7	1.0	• 2								2.4	6.5
SE	. 4	1.2	1.0	.6								3.1	7.3
SSE	, 2	1.0	1.9	1.0	.1							4.2	8
S	.7	1.5	3.1	2.2	. 5							7.9	9.7
SSW	.6	1.9	3.5	1.9	. 2							8.1	8.6
sw	.6	1.5	2.9	1.2	•0							5.2	7,9
wsw	.3	1.2	1.4	• 5	. 2							3.5	7.8
w	.3	.6	9	. 3	0							2.2	8.1
WNW	.2	. 3	. 5	.3	. 1	ŝ						1.7	21.1
NW	.3	3	. 5	. 8	.4	0						2.4	11.0
WMH	.6	. 9	1.6	1.7	1.0	. 4	•0	.0				6.4	11.7
VARBL													
CALM		$\overline{}$					$\overline{}$	\sim				6.0	
		\longrightarrow	\leq			\leq	= =		\leq	\leq			

USAFETAC FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RANDOLPH AFE TEXAS/SAN ANTONIG	39-75	F68
STATION	STATION NAME	YEARS	MONTH
		neather	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.7	3.8	1.4	• 6	• 1	ن				10.5	12.1
NNE	. 4	1.2	2.7	3.4	1.0	. 2						8.8	11.2
NE	•7	1.2	3.5	3.1	.4	.0						8,9	9,6
ENE	.5	1.3	2.6	1.3	<u>. l</u>							5.9	8,5
E	. 7	1.9	2.5	• 6								5.7	7.2
ESE	• 4	1.1	1.3	• 2	.0							3.0	6.9
SE	.5	1.2	1.9	• 6	. 2							4.4	8.1
SSE	.3	. 6	2.1	2.0	. 3					İ		5.2	10.2
\$. 5	1.7	4.8	3,9	•7	1						11.6	10.0
ssw	,5	1.5	5.3	2.7	.4	.0						10.5	9.3
sw	• 4	1.5	2.8	1.4	• 2					l		5.4	8.8
wsw	.1	.6	9	.7	. 1					L	l	2.4	9.2
w	-1	. 6	1.0	.5								2.3	7.5
WNW	.1	. 4	.5	. 8	. 3	.0	.0					2.2	11.2
NW	.2	.3	.6	. 9	.7	. 2	. 0					2.8	12.8
NNW	. 2	. 5	1.3	2.5	1.0	.6						6.1	13.4
VARBL													
CALM	$\geq \leq$	$>\!\!<$	\times	\times	\times	\times	\times	\times	$\geq \leq$	$\geq \leq$	><	3.3	
	6.1	17.0	36.4	28.3	6.8	1.9	.2	٥				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 3051

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

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12911 RAMODLPA AFE TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3046

PERCENTAGE FREQUENCY OF WIND D!RECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			STATION	MAME						TEARS		-	-	HTRO
						ALL ME	ATHER						1500	-17
											_			
				-		CON	DITION							
SPEE (KNT: DIR	S)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME/ WII SPE
N		.2	1.0	2,9	4.7	.9	. 4						10.1	11
NN	E	.3	1.1	2.8	3.2	.8	• 2	•1		1			8.4	11
NE		.6	1.2	3.1	2.3	. 4						!	7.6	9
EN	E	•2	1.2	3.6	1.6	• 1	•0	• 0					5.7	9
E		٥,6	2.1	1.5	. 3	•0							4.8	6
ESE	E	.6	1.0	1.5	.7	. 1							3.8	7
SE		,4	1.3	2.5	1.4	.6	.0						6.3	9
SSE		.3	. 9	3.2	2.8	. 5	- 1						7.6	10
S		.6	2.0	5.9	3.€								12.5	9
SSV	v	.5	1.9	4.0	2.0	.2	.0						R.6	9
sw	<u>, </u>	.4	1.2	2.3	1.0		.0			<u> </u>			5.0	8
WS	w	.2	6	8.		1					<u> </u>	<u>i</u>	2.2	<u> </u>
w		-3	3	. 7	7	2	٠	0		<u> </u>			2.2	_10
WM	<u>w_ _</u>	3	2	. 5	4	3							1.8	_11
NW		3	.3	.7	لمدا	4_	1	بكعي				ļ	2.9	12
NNY		-2	7	1.5	2.2	.9	6			<u> </u>			6.2	<u>13</u>
VARI	BL .					Ļ,				Į.,,	<u></u>	Ļ		
CAL	<u> </u>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.2	
	1					1				1	1		l	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AT 44

DATA PRUCESSII S BRINCH ETACZUSAF AIR WEATHER SURVICEZIÄC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RALL	ILPH AF	STATIO.	S / S ALI	I LITTERA	<u> </u>	<u> </u>	75		EARS				HON
					<u>ملل مج</u>	nTrifik						1800 Keva) -
					COX	MOITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 46	41 - 47	46 - 55	≥56	۹.	
K '	, 6	1.7	2.8	2.7	. 5	.4	.0	.0		T		8.7	
NNE	.7	1.7	3,4	2.6	.5	. 2		-				3.9	-
NE	• ರ	2.1	4.2	2.0	. 2	• 1						9,4	Γ
ENE	.5	2.2	2.8	1.1	.0							5.7	
8	1,4	2.1	1.6	• 4								5.5	
ESE	, 9	1.7	1.5	. 9	. 1							5.0	Γ
SE	1.6	3.0	4.0	2.6	.3	.0						10.3	-
SSE	1.1	2.0	4.0	2.8	3				<u> </u>			10.1	L.
5	1,7	4.7	2.7	.7								9.8	L
SSW	. 7	1.7	1.0							 		3.5	L
SW	.6	1 0 4		.0					J			2.3	L
WSW	3	4_	2						<u> </u>				ļ.~
w		4	2	. 2					<u></u>			lei	L
MNM				<u>i</u>	1	2							Ļ
NW	3		• 7	•5		ــنکمــــــ						2:1	L
NNW	.6	1.1	1.2	1.0	•5							4.7	L
VARSL							<		<u> </u>	<u> </u>		<u></u>	1_
CALM								_	· –	· \	· -	9.8	

YOTAL NUMBER OF OBSERVATIONS 3644

USAFETAC FORM 0-8-5 (0"L A) PREVIOUS EDITIONS OF THIS FORM ARE GOSGLITE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SP(ED (KNTS)	Ruite	OLPH AF	R TEXA	S/SAN.	ANTONI	<u>U</u>	25-	75	 ,	TEARS				EB IONTH
SP(ED (KNTS)						ALL ME	ATHER						2100	1230
SPLED 1 - 3						CI	A94						HOUR	(L.S.T.)
(KNTS)		-				сон	DITION							
N 1,2 2,3 2,1 2,2 8 .2 8 .2 8 .1 10 10 NNE 1,0 1,0 2,6 4,6 1,9 1,1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	24 - 40	41 - 47	46 - 55	≥56	*	MEAL WINI SPEEL
NNE		 , , , 	2 2								!		8.8	9
NE 1.0 2.6 4.6 1.9 .1 .1 10 ENF .5 1.2 2.5 .4 .4 .4 .4 .4 .4 .4 .4 .2 .2 .0 .3										 -	 		10.2	9
ENF.													10.3	8
E 27 1.5 1.0 55 ESE .5 1.3 1.3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .										 	ł [4.5	7
ESE										 			3.8	6
SE .9 1.8 3.5 1.8 .2 .0 SSE .4 5.4 4.8 2.5 .3 11 \$\$\frac{1}{3}\$ 3.6 3.2 1.2 .1 9 SSW .6 1.5 .6 .1 .0 2 SW .3 .4 1.2 .4 .2 WSW .3 .6 .3 .1 .1 WNW .3 .3 .4 .2 .1 .1 NW .6 .9 .6 .4 .2 .1 .1 NNW 1.1 2.0 1.3 .6 .5 .1 .1 .5											l		3.5	5
SSE ,4 5,4 4,8 2,5 3 1 1,3 3,6 3,2 1,2 1 SSW ,6 1,5 ,6 ,1 ,0 SW ,4 1,2 ,4 ,2 WSW ,3 ,6 ,2 ,3 ,1 WNW ,3 ,3 ,4 ,2 ,1 NW ,5 ,9 ,5 ,4 ,3 ,1 NNW 1,1 2,0 1,3 ,6 ,5 ,1 ,1 NNW 1,1 2,0 1,3 ,6 ,5 ,1 ,1						- 2	. ^			 	 		3.3	8
\$\begin{array}{c ccccccccccccccccccccccccccccccccccc	556					7					 		11.3	8
SSW .6 1.5 .6 .1 .0 SW .4 1.2 .4 .2 WSW .3 .6 .2 .3 .1 W .5 .6 .3 .1 .1 WNW .3 .3 .4 .2 .1 NW .5 .9 .5 .4 .3 .1 NNW 1.1 2.0 1.3 .6 .5 .1 .1	<u> </u>												9.5	7
SW .4 1.2 .4 WSW .3 .6 .2 .1 W .5 .6 .3 .1 WNW .3 .3 .4 .2 .1 NW .5 .9 .5 .4 .3 .1 NNW 1.1 2.0 1.3 .6 .5 .1 .1	SSW					.0				1			2.9	5
WSW .3 .6 .2 .3 .1 W .5 .6 .3 .1 .1 WNW .3 .3 .4 .2 .1 NW .5 .9 .5 .4 .3 .1 NNW 1.1 2.0 1.3 .6 .5 .1 .1		3								1			2.0	5
W .5 .6 .3 .1 WNW .3 .3 .4 .2 .1 NW .5 .9 .5 .4 .3 .1 NNW 1.1 2.0 1.3 .6 .5 .1 .1				• 2	.1								1.1	5
WNW	W.	.5			•1					1			1.5	5
NW -5 -9 -5 -4 -3 -3 -1 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	WNW		. 3		. 2	1							1.2	7
NNW 1.1 2.0 1.3 .6 .5 .1 .1 .1 5	NW	. 5	. 9		- 4	.3	ī						2.8	8
	NNW	1.1	2.0		•6	. 5	1	. 1					5.8	8
VARAL	VARAL												4	

TOTAL HUMBER OF OBSERVATIONS 3050

12.5

SAFETAC FORM (1-8-5 (OL-A) PREVIOUS SOLITIONS OF THIS FORM ARE COSCILETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	Lrn Ar	STATION	E HAME	<u> [4] [1] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4</u>			4034/*	1.1.1.2.2	PEAR»				MONT
					ALL WE	ATHER.						<u>OUOU</u>) - (
	_				сон	DIVIOR							
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 41	22 - 27	28 - 23	34 - 40	41 - 47	48 - 55	≥56	%	
N	1.2	2.5	1.6	1,9	1.0	. 4	•1					8.7	1
NNE	1.6	2.1	2,3	2.0	.6	.1		`		1		9.6	1
NE	1.4	2,9	3.7	1.8	.7				<u> </u>			10.6	Г
ENE	.7	1.1	1.1	.2	,1							3.2	1
ž į	, 8	.6	.7	ن.					T			2.2	\vdash
ESE	.7	1.1	.8	.3	0				1			3.0	Г
3E	i.3	2.4	خ و ج	2.2					I			7.5	ì
SSE	1.6	3.1	5.1	2.5	.2							11.9	\vdash
5	1.7	4.1	4.8	1.5	.2				<u> </u>			12.3	Γ
SSW	, 8	1.9	ئە:	1.					i	1		4,3	Г
sw	,5	1,2	.4	e 1								2.2	Γ
wsw		- 56	.3							<u> </u>		1.0	Π
w			- 4							{		1.3	
WHW	.21	1	12	2					<u> </u>			7	Γ
NW	64	6	3	.3		0						1.8	Γ
NNW	Ģ	2.5	1.2		- 2	- 2						5.7	
VARBL													
CALM	$\overline{}$						$\overline{}$					14.1	7

USAFETAC FORM 0-8-5 (UL-A) PREVIOUS EDITIONS ON THIS FORM ARE DESOLETE

> W5W WX:V HW HNW YARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RARDA	JLPH AF	A TEXA	S/SATE	INCTMA	<u>c </u>	39-	45.47-	71.73	75				AR IONTH
					ALL WE	ATUER			<u>.</u>			0300 HOURE	=0500 (Lis.T.)
					сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 23	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.9	2.4	2.3	3.	, 3	.2				*	10.4	9.5
NNE	:,2	2.3	3.3	2.5	.6	. 4						10.3	9.
NE	1.5	2.3	3.4	i.5	,3	. 2						9.1	8
EHE	.9	.7	.6	. 1	.0	1						2.4	5.
£	2.0	1,3	• 2	• 1								2.5	4.5
ESE	, 3	1.1	. 5	.1								2.0	5.8
SĘ	.9	2.0	1.3	. 3	.0	0_						4.6	6.3
SSE	1.0	2.2	3.0	1.0	· O							7.2	7.4
S	1.3	3,3	3,6	1.4	•0	• 0			<u> </u>			9.7	7.
SSW	1.3	2.1	1.4	. 3								5.6	6.0
SW	1.0		• 7	, 1	•0	•0						3.1	5

TOTAL NUMBER OF OBSERVATIONS 3240

USAFETAC FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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16.6

VARBL

RANCOLPH AFB TEXAS/SALL ASTORIO

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SURFACE WINDS

FERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			· · · · · · · · · · · · · · · · · · ·		ALL WE	LASS						HOUR	5 (L.S.T.)
	-				CON	DITION							
		· ·											
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	2,5	2.8	2.4	. 9	. 6	.1		— —			11.4	9.5
NNE	1.0	2.1	3.4	3.1	1.1	• 5			<u> </u>	1		11.3	
NE	1.7	2.4	4.1	1.7	• 4	.2						10.4	8.3
ENE	.9	1.4	1.1	•3	.1				<u> </u>			3.8	6.5
E	3.3	1.5	-6	,2			٧٠			 		3.7	5.4
ESE	.7	.7	• 5	• 2								2.0	5.5
SE	.8	1.4	1.4	• 4	• 0				<u> </u>			4.0	6.5
SSE	1.0	1.5	2.2	. 3								5.5	7.5
\$	1.5	2,5	3.0	9.	.0							7.7	6.7
SSW	ŝ.	1.8	1.4	• 4			•			·		4.4	6.3
SW	,6	1.9	• 6	.3								3.4	5.7
WSW	,6	1.3	, R	.1	.1							2.9	5.9
W	. 6	1.3	• 6	.1								2.6	5.3
W.NM.	5	. 5	. 5	.2								1.7	5.3
NW	-6	7	4	4	1							2.3	7.4
NNW	1.2	2.8	1.5	1.1	7	2			1			7.2	7.8

TOTAL NUMBER OF OBSERVATIONS

100.0

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RAMBOLPH AFE TEXAS/SAM ANTONIE	29-45,47-71,73-75	MAR
STATION	STATION NAME	ARVE	HTHOM
		ALL WEATTER	0900-1100
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.3	. 9	1.7	3.0	1.8	. 6	.1					8.4	13.1
NNE	. 5	1.0	2,6	3.0	1.9	. 3	ွ					10.1	12.2
NE	1.2	1.0	2.8	3.1	•6	. 2						9.5	9,9
ENE	.6	1.8	2.9	1.9	.2							7.3	8.6
E	.6	2.6	1.9	. 8	.0							6.0	6.9
ESE	.3	1.2	1.2	.3	.0							3.1	7,0
SE	,3	1.3	1.5	1.2	.1				<u> </u>	<u></u>		4.5	8,5
SSE	.5	1.6	2.7	2.9	, 5	.0				<u> </u>		3.3	9,8
5	.7	2.5	5.7	4.3	.7							13.9	9.5
SSW	,6	1.7	3.4	2.2	.4	1				<u> </u>		8.3	9.3
sw	•4	1.4	1.7	.9					<u> </u>	<u> </u>		4.5	8.2
WSW	.2	.7	1.0	.4	.0					<u> </u>		2.4	8.5
W	2	• 4	. 5			.0						1.7	8.7
WNW		. 2		.4	. 3		0					1.6	12.1
NW		. 3	5_	. 9	3_	.0.						2.2	11.7
NNW	.2	. 5	.7	1.3	-7	.4	1_					3.9	13.4
VARBL					Ļ		Ļ			ļ		 	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	4.3	
	6.8	19.7	31.5	27.9	7.7	1.9	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 3245

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIO OF IMM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANGOLPH AFB TEXAS/SAN ANTONIO 29-45,47-71,73-75 STATION HAME YEARS	MAR
	ALL MEATHER	1200-1400 HOURS (L S T.)
	COMDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
z	.3	. 8	2.3	2.8	1.5	. 3						8.1	12.4
NNE	.4	.9	1.5	3.0	1.0	3						7.2	11.8
NE	, 5	1.3	2.9	2.7	• 4	1						7.9	9.9
ENE	. 2	1.6	2.3	1.0	. 2							5.3	8.5
E	1.0	1.9	2.8	• 5								6.1	6.9
ESE	• 4	. 9	1.6	•7					i			3.5	7.7
SE	. 3	1.3	2.2	1.5	. 3							5.7	9.4
SSE	. 4	1.8	4.0	3.8	. 8	.0						10.9	19.3
S	3.	2.2	5.6	5.7	. 6	1	2.0					14.9	10.1
ssw	. 5	1.8	3.8	2.7	. 3	.0						9.1	9.4
sw	. 5	1.1	1.8	• 9	1	• 0						4.3	P.2
wsw	. 1	1.0	ő	6	•2	.0						2.7	8.7
w	.3	•6	. 6	. 8	.3	.2						2.7	11.0
WNW	0	. 2		. 6	. 4	.3						1.9	13.9
NW	.2	6	. 5	1.1	6	1	•0					3.0	12.2
NNW	• 1	.6	.9	1.3	8	. 3						4.0	12.8
VARBL													
CALM	><	> <	\geq	> <	\times	\times	\geq	\geq	\boxtimes	\boxtimes		2.6	
	6.0	18.4	34.1	29.5	7.4	1.9	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSION BROWNER
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TOPATAL.	UETT AL	STATIO	I NAME	WALCOAT	<u></u>		4.341-	11112	EARS				IONTH
						ALL WE	ATHER						1500	-1700
						E1	AES						MODE) (6.3.T.)
						COM	DITION							
г		, ,			·									
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	. 3	• 7	1.8	2.9	1.1	. 4	1					7.3	12.6
[NNE	.3	•7	2.1	2.9	. 6	.1						6.9	11.6
[NE	.3	1.1	2.5	2.8	.5	•1						7.2	10.4
Γ	ENE	.3	1.4	2.2	1,3	• 1							5.3	8.6
	E	,5	1.9	2.6	8.	• 0							5.9	7.6
[ESE	, 4	1.4	2.1	1.0	• 2							5.0	8.5
Γ	SE	. 3	1.5	3,4	3.4	1.1	• 2						10.0	10.8
ſ	SSE	,5	1.9	4.8	5.4	. 8	. 2						13.5	19.5
Ī	\$.9	2.5	5.5	4.4	- 3	.1						13.7	9.5
ſ	SSW	• 4	1.5	3.0	1.5	• 2							6.5	8.7
Ī	SW	.2	•7	1.5	• 9	.0							3.3	9.2
Ī	WSW	. 2	. 5	•7	.4	• 1							1.5	8.6
ľ	w	•2	•6	. 8	.6	•1	. 2			[2.4	10.4
	WNW		•2	.6	•6	•2	1	1					1.6	12.9
Ī	NW	• 2	• 2	. 5	1.3	6	. 2	٥٥					3.0	13.5
Ī	NNW	.2	. 4	.8	1.3	. 8	. 3	• 0	• 0				3.7	13.5
	VARBL													
	CALM		\times	>	>	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq		2.6	

TOTAL NUMBER OF OBSERVATIONS 3247

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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RAPOOLPH AFE TEXAS/SAL ANTONIO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			STATION	N NAME						YEARS				HONTH
		_	·			ALL 75	CTHER						1800 HOUSE) = 2 ()
						COM	DITION							
		_												
- 1 0	SPEED KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	23 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME WI SPI
	N	. 4	1.5	2.2	2.2	5	3	. 1		<u> </u>	 		7.4	10
	NNE	• 5	1,3	2.7	2.3	6	1				Ī		7.5	
	NE	• 6	1.9	3.2	2.7	. 2							8.8	9
	ENE	• 3	1.8	2.4	.8	.1							5.4	
	E	. 9	2.7	2.2	.5	.0							6.4	
	ESE	• 9	2.0	2.4	1.1		.0						6.5	
	SE	. 8	3.3	6.0	5.5	1.0	.0						16.7	9
	SSE	• 7	2.6	5.4	5.6	.8	.1						15.3	
	5	1.0	3.0	2.5	1.2	0	1						7.7	
	ssw	. 3	1.1	1.0	.3								2.7	
	sw	• 2	.7	. 5	.0								1.5	
	wsw	• 3	. 5	5.									1.1	
	w	. 2	.4	. 2	• 2	.0	0						1.1	
	WNW	.2	. 3	.3	.2	-1							1.1	
	NW	•2	, 2	.5	•6	.1	1	•0					1.8	1
	NNW	•2	.7	•6	• 9	3	. 3	.0					3.1	1
	/ARBL_										I			
	CALM	> <	> <		$\supset <$	$\supset <$	><	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	5.9	
	~										F	 		

TOTAL NUMBER OF OBSERVATIONS 3246

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRUCASSILIS BROLCH ETAC/USAF AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RAND	OLPH AF	3 TEXA	15/5Am	ANTONI	0	39-	45,47-	.75					'AR
STATION			STATIO	N NAME					,	YEARS				HTHOM
		_				ALL WE	ATHER						2100	-2300
						C	LASS						HOUR	8 (L.S.T.)
						COM	DITION							
		_												
	SPEED									T			1	MEAN
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
	N	.9	2.1	1.6	1.7	6	2	. 1	-0				7.4	9.5
	NNE	.8	1.4	2.4	2.7	• 7	. 2						8.2	10.3
	NE	1.2	2.5	3.3	2.8	• 5							10.6	3.8
	ENE	,6	1.2	1.9	•4			•0					4.1	7.4
	ε	1.3	1.2	1.1	•2								3.7	5.4
	ESE	.5	1.4	1.8		-				 			4.4	7.4
	SE	8.	3.1	6.3	3.2	• 2	.0			<u> </u>		i	13.7	8.6
	SSE	6	/ 1	0 %		/.					T		10 =	0.0

NE	1.2	2.5	3.3	2.8	• 5		ł	<u> </u>		<u> </u>	<u> </u>	10.6	3.8
ENE	,6	1.2	1.9	•4			.3					4.1	7.4
Ε	1.3	1.2	1.1	• 2								3.7	5.4
ESE	.5	1.4	1.8	.7								4.4	7.4
SE	8.	3.1	6.3	3.2	. 2	0						13.7	8.6
SSE	. 5	4.1	8.0	5.2	. 4	.0						18.5	9.0
5	1.1	2.8	3.9	1.4	. 2							9.4	7.6
SSW	. 2	• 5	• 8	• 2								1.7	7.1
sw	ن .	• 5	,3									. 8	6.4
wsw	.1	• 4	. 3	•0								.8	6.1
w	. C	• 4	1	•0								.6	_6.1
WNW	.1	. 2	2	• 2								.7	8.5
NW	.3	.6	. 4	.2		1						1.7	7.8
NNW	.4	1.8	1.0	.2	.3	. 3						4.0	8.4
VARBL				L									
CALM	$\geq \leq$	\ge	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.7					
	8.9	24.2	34.2	19.0	3.0	. 9	.1	•0				100.0	7.6

IOTAL	NUMBER	OF	OBSERVATIONS	3:	250

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PPLCESSI 3 TRA CH ETAC/USAF AIR WEATHER SURVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RACICOLPH AFE TEXAS/SAN ANTONIC	38-45,47-75	APR
	ALL WE	ATHER	0000-6200 HOURS (L.E.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	2.2	1.3	1.4	3	. 2	Q	• 0				7.1	8.2
NNE	. 9	1.5	2.3	1.6	. 3	• 2						6.0	8.9
NE	.9	2.0	2.5	• 9	.3	-1						6.7	7.9
ENE	.7	1.1	1.1	• 2	.1	0.0				L		3.1	6.6
E	1.2	1,3	. 8	• 2	.0							3.6	5.5
ESE	e 7	1.8	1.8	• 5	.1							4.9	6.9
SE	1.5	4,6	4,5	1.8	• 2	1						12.7	7.4
SSE	1.6	3.8	7.1	3.0	.2	1	. C		<u></u>			15.8	8.2
S	1.6	3.9	6.0	2.7	.0							14.2	7.7
ssw	<u>. ĉ</u>	1.0	- 9	•1							<u> </u>	2.7	5.6
sw	,4	. 8	• 6		• C						<u> </u>	1.9	6.0
WSW	3	. 4	.2		•0							8	5.3
w	,2	• 3		•1	.0				<u> </u>				5.1
WNW		. 2	2						<u> </u>	<u> </u>		5_	6.2
NW	. 5	• 4	.5		.1					<u> </u>		1.7	7.7
WNN	.7	2.2	• 6		-1	1	0					4.1	6.8
VARBL				Ļ							L		
CALM	$\geq \leq$	\times	\times	\times	X	\setminus	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.5	
	13.5	ز. 27	30.7	13.0	1.8	. 8	.1	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3307

USAFETAC $\frac{\text{FORM}}{\text{AL 64}}$ 0-8-5 (OL-A) previous editions of this form are obsolete

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> sw WSW w

WNW NW

NNW VARBL

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RALL	OLPH AF	8 TEXA	S/SA:	ANTONI	<u>u</u>	38-	45,47-	75	FFARS				PR
2.2.						ALL WE	ATHER				,		0300	-0500
							DITION						HOUR	8 (L.S.T.)
		_												
	SPEED			,						Ι	<u></u>			
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4! - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.7	2.5	2.1	1.8	. 5	2	.0					9.0	8.4
	NNE	.9	2.1	2.3	2.0	.4	•1	•1					7.8	8.9
	NE	. 3	1.8	2.4	1.4	• 3	. 2						6.9	8.5
	ENE	•6	1.1	• 4	• 2		.0						2.5	5.8
	£	1.1	2.1	1.2	•1								4.5	5.5
	ESE	ان و	1.3	1.2	• 2								3.5	6.1
	SE	1.3	3.3	2.8	1.0	.1							9.0	6.7
	SSE	1.2	4.0	4.0	1.4	. 1							10.8	7.1
	· \$	1.7	4.4	5.2	2.1	.2							13.6	7.4
	cew	× 1	1 5	1 7	2		1						2 5	4 5

Ļ.			II 100 • G I	
T	OTAL NUMBER OF O	SERVATIONS		2301

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3.6

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFE TEXAS/SAN ANTONIL	38-45.47-75	APK MONTH
		ÉATHER CLASS	0600-0800 HOURS (LS.T.)
		ONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1,5	2.4	2.1	1.8	.5	. 3	.0					٩.5	8.8
NNE	8.	1.8	2.7	2.1	. 5	• 2						3.1	9.6
NE	1.2	2.0	3.1	2.0	• 7	•2						9.1	9,0
ENE	6.	1.6	1.5	8	•1							4.7	7.1
E	8	1.5	1.2	•2								3.6	5.0
ESE	1.1	1.9	1.2	, 5								4.6	6.2
SE	1.7	3.1	3.7	•6	•0							9.2	6.5
\$SE	1.1	3.7	4.9	2.1	.1	.0						11.8	7.7
\$.9	3.4	4.3	1.9	•1					i		10.5	7.7
SSW	.9	1.6	9	-,4								3.8	5.2
sw	. 4	.9	δ	.1								2.2	6.0
WSW	.2	• 7	•7	•1								1.6	6.7
w	.5	. 8	.5	•1								2.0	5.8
WNW	• 2	•1	.3	.2	•1							. 8	3.7
NW	.5	•6	.5	.2	.1		.0			!		1.9	7.3
NNW	1.1	1.6	1.3	.5	. 3	.1	.0	.0				4.9	7.5
YARBL													
CALM	><	> <	$\geq \leq$	\geq	$\geq <$	\times	\geq	\geq	\geq	\geq	$\geq \leq$	12.6	
	12.5	27.5	29.5	13.4	2.4	. 8	.1	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 3304

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RAMORLPH AF	E TEXAS/SA: AN	TENIO	38-	<u>-45,47</u> -	•75	YEARS	 		PR
	-		ÄLL	WEATHER CLASS					0900 HOUR	-1100
	_			СОИВІТЮМ						
_	_									
	SPEED								Ĭ	MEAN

SPEED (KNTS) DIR.	1 - 3	4-5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
И	.3	.5	1.8	2.4	. 8	- 2						5.9	12.2
NNE	•2	.4	2.1	2.6	.7	• 4						6.4	12.1
NE	.4	. 3	2.6	2.6	, 6	- 4						7.6	11.0
ENE	• 5	1.6	2.8	1.7		.0						7.0	8.9
E	, 9	2.4	2.9	. 4	, C							5.5	5.8
ESE	• 7	1.5	2.1	. 8	1					l	L	5.3	7.4
SE		1.8	3.6	2.3	. 3	.0					<u></u>	3.8	9.0
SSE	.7	1.9	6.2	4.5	. 3	- 1						13.6	9.3
5	العتا	2.8	7.3	5.7	1.0	.0			L			17.3	9.9
SSW	.6	1.2	3.3	1.9	. 2					<u></u>		7.2	9.1
sw	. 5	. 3	1.2	• 6							<u> </u>	3.2	7.7
wsw_	1	.6	- 5	.4							ļ	1.7	8.5
w	. 2	.2	. 6	3	i	C						1.4	9.2
WNW	لنعيا	.0	- 4	. 3				<u> </u>	L		! 	1.0	11.1
NW	1	. 2	4	3	. 2		1			<u> </u>		1.4	11.5
NNW	.0	. 3	1.0	. 8	. 5	2	1					2.8	12.5
VARBL						L							
CAUA	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\times	$\geq \leq$	2.4					
	7.1	17.0	33.6	27.8	5.3	1,4	ai					100.0	9.5

TOTAL NUMBER OF ORSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

DATA PROCESSI G 384.05 ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY ORSERVATIONS)

ATION	RAY JULPH APB TEXAS/SAR ANTONIO 3864", 476/5													изити	
		_				ALL ME	ATHER						120.)	=1400 = (L.S.T.)	
		_				IKO2	DITION								
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED	
	N	.2	.7	1.2	2,1	. 8	. 2				1		5.4	11.5	
1	NNE	.1	.7	1.7	2.1	.6	. 2						5.4	11.6	
ľ	NE	.4	1.4	3.6	2.4	ق	. 1						7.7	9.8	
ſ	ENŁ	.3	1.2	2.4	1.2	.2	. 1						5.3	8.9	
	E	, 5	1.6	2.4	. 5	.1							5.1	7.4	
	ESE	.41	1.1	2.7	1.5	. 2							5.9	9.1	
[\$E	•7	2,2	4.4	3.5	8.	.1						11.7	9,9	
	SSE	.2	2.3	3.8	5.7	9	.2						15.2	10.6	
	\$.3	2.5	7.0	7.0	. 8	• 1						18.2	10.1	
L	SSW	.3	1.2	2.0	1.2	. 2		,					5.1	9.0	
L	_ sw	.2	1.2	1.4	7	.0							3.5	8.0	
L	wsw	•3	4	<u>. 6</u>	. 2	1	0		<u> </u>				1.9	8.1	
L	w	- 1	4	5	. 3	2	2	ـنعـــــا		<u> </u>			1.7	10.9	
Ļ	WNW		.0	. 3	2								P	10.2	
Ļ	NW	-1	3	• 6		2			0	<u> </u>			2.1	12.3	
L	NNW _	.2	. 5	9	٠, 4	• 4		.0					3.0	10.9	
L	VARBL									Ļ,	ادا		ļ		
1		 :7			\sim	_	· _	\sim		· > /		_	11 - 1	l .	

TOTAL NUMBER OF OBSERVATIONS 3306

"JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FOR'S ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	8 M. A	OLPH A!	AFE TEXAS/SAN ANTONIO				26-45,47-75 VEARS							
							ATHER							-1700 * (U.\$ Y.)
		-				COM	DITION							
	SPEED (KNTS) D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED

SPEED (KNTS) D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1	6	1.4	2.1	9	. 3						5.5	12.2
NNE	• 2	. 8	1.0	2.1	. 3	1						5.3	10.5
NE		1.1	2.3	2.3	. 3		9					6.1	10.3
ENE	.2	1.0	2.5	1.1	, 3	, U				Í		5.1	9.4
12	.6	1.6	2,5	1.0	0	. 0						5.9	7.9
ESE	.8	1.8	3.6	2.7	.6							9,6	9.6
SE	.6	2.9	6.1	7.1	1.1	. 3	رها					18.0	19.5
SSE	. 5	2.1	5.6	6.8								16.4	10.8
5	.4	2.5	4.0	3.6	.6	1						11.1	9.8
ssw	. 2	. 9	2.0	1.2						İ		4.3	9.0
sw	.2.	.6	1.0	. 3	1				<u> </u>			2.2	- 3 <u>-1</u>
wsw		. 3	. 7	. 3	1_					İ		1.5	_ <u>. B</u> _
w	.0	.3			.2	.0			<u> </u>			1.3	17.7
WNW	<u> </u>	2	.5	. 5					<u> </u>	ļ		1.4	11.0
NW		1	. 5	.7			1	1				1.8	13.5
ним	<u>.</u> c	4	. 7	. 8	. 3		ن					2.4	11.9
VARSL	L	<u></u>	ļ		<u> </u>				<u> </u>	<u> </u>			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.1	
	4.1	17.3	35.7	33.0	6.1	1.2	.3	1				100.0	10.0

TOTAL NUMBE	R OF	OBSERVATIONS	3304

USAFETAC $_{
m JU-64}^{
m FORM}$ 0-3-5 (OL-A) previous editions of this form are obsolete

DATA PRICESSI ~ < CA ETAC/USAF AIR WEATHER SERVICE/ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BIATION			STATION BARE													
						41 L 7, C	ATHER UM						180.0	=2000 * (LE.T.)		
							DITION									
						Con	DITION									
		_														
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED		
	N	.5	•9	1.3	1.2	.4	.1						5.0	9,6		
	NNE	.5	1.2	2.4	1.5	.3	•1						5.0	9.1		
	NE	٠Ó	1.8	2.3	1.8	. 2	1						5.8	8,9		
	ENE	.5	1.2	1.9	. 9	.3	.0						4.8	8.5		
	E	1.2	2.6	2.3	. 9	.1	١٠٠		T				7.0	6.9		
	ESE	.9	2.4	4.0	2.5	. 5							17.4	8.8		
	SE	1.2	3.8	9.8	9.6	1.8	.4		L				25.6	19.4		
	SSE	3.	2.5	5.6	6.3	1.1	. 3						16.4	10.4		
	3	.6	1.2	2.0	. 9	1							4.6	7.9		
	ssw	. 2	ó	7	.4	.1	<u> </u>			<u> </u>			2.1	7.8		
	sw		.5	.2	1					ļ			. 8	5.1		
	W\$W'	.0	.2	3	.0	<u></u>							. 5	7.3		
	w	2	.2	2	<u> </u>				<u> </u>		<u> </u>		. 5	5.1		
	WWW	2		1		-0		ائعا		<u> </u>			.4	10.8		
	NW	.1	-2	.3	• 4	2	1		<u> </u>	ļ			1.3	11.7		
	NNW	. 2	.5	.7	-4	2	0	0	ļ	ļ	<u> </u>	[2.0	9.3		
	VARBL	L	ļ	Ļ	Ļ,	Ļ		ļ,			L		<u> </u>	<u></u>		
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	4.7			

3291

TOTAL NUMBER OF OBSERVATIONS

12911 RANGULP: AFB TEXAS/SAN A ITCHIL 28-45,47-75

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Buch	OLPH AF	B TEXA	SAL SALL	ANTOHI	<u> </u>		45.47-	<u>.75</u>	TEARS			. — <u>.</u>	PR
			 		ALL ne	ATHER						210J	=230
					cox	MOTICA							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4: - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.0	1.7	1.0	.9	.4	.1				1		5.6	٤.
NNE	.7	1.9	1.8	1.0	. 5	.1				1		5.5	8.
NE	, 9	1.9	2.5	1.2	.2	• ()						6.8	7.
ENE	.8	1.2	1.9	.4	.1							4.3	7.
E	, ಕ	1.9	1.5	.2								4.5	6.
ESI	, 6	1.6	3.0	, 9	.2							5.7	7.
SE	1.2	4.2	9.3	5,9	.6	1						21.2	9.
SSE	. 5	4.7	9.5	6.6	.6	1						22.0	9.
S	.7	1.8	3.0	1.3	2							7.0	8.
ssw	. 2	. 4	. 6	•1	.0							1.4	7.0
sw	1	. 2								l		. 3	4.4
WSW	.c	.1		1								. 3	7.5
W	1		<u> </u>	0		<u> </u>		<u> </u>		<u> </u>		3	5.8
WNW		.2	.0	.0	0			<u> </u>		<u> </u>		3	7.5
NW	2	4	.3			.0						1.1	7.6
NNW	2.4	1.2	- 8	- 4	2	0	ļ					3.0	7.
VARBL				Ļ,	Ļ	ļ		Ļ	Ļ,	Ļ	<u> </u>		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		8.6	
		00.7	27.6	10.0								100	

TOTAL NUMBER OF OBSERVATIONS 3293

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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12911 RANBOLPH AFB TEXAS/SAN ANTONIL 38-75

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CON	DITION						
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 1v	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	~
N	1.5	2.2	1.4	. 5	.1							5.
NNE	. 6	1.3	1.8	. 8	.3							5.
NE		1.8	1,3	1.0		1						4.
ENE	.6	,7	. 4	. 2	ن .							2.
E	1.1	1.4	,7	• 2	1	.1						3.
ESE	. ರ	1.1	1.6	• 5	1							4,
SE	1.5	4.1	5,6	1.7	. 2	1		<u> </u>				13.
SSE	1.3	5,4	7.2	3.7	.1		ļ		<u> </u>			17.
_ <u>s</u>	L	5.6	6.0	2.0			ļ	<u> </u>		!		16.
ssw		2.1	. 9						<u> </u>	<u> </u>		4.
SW	7	. 8	5									2.
WSW	-1	.3			.0			ļ				-
<u>w</u>		3	. 2		0							
WNW	0		1	1					<u> </u>	ļ	ļ	
NW	4			1	1							
NNW	1.1	1.3	5	2		0			L		L	3.
VARBL	ļ,							<u> </u>	Ļ,	Ļ		
CALM	1><1	><	><	><	><	><	><	><	><	><	><	15.

TOTAL NUMBER OF OBSERVATIONS 3422

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRICESSI 3 36 CHETAC/USAF AIR WEATHER SETVICE! 'AC

> NW NNW VARBL

CALM

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATION 3;

RA! J	OLPn AF	5 TEXA	S/SAN	AHTCYI		38-	75		EASIS				AY
					ALL WS	ATHEK							-0500
					Ci	A95						HOURS	(L 1.T.)
	******				CON	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1,7	2.2	1.8	• 4	• 2	نه	υŬ	0				6.3	6.3
NNE	. 9	1.3	1.9	1.1	. 4	. 2						5.R	8.8
NE	1.1	1.7	1.5	. 7	• 2							5.3	7.0
ENE	. 6	. 9	.5	. 1	• 0	.0						2.4	5.5
E	1.0	1.5	• 5	• 3								3.6	5.3
ESE	1.3	1.7	1.4	• 3	.1				i			4.7	6.1
SE	1.7	3,6	3.4	• 9	.1						ĺ	9.7	6.6
SSE	1.5	3.6	5.0	1.4	• 0							11.7	7.2
S	1.7	4.2	5.0	2.0	.0							13.0	7.3
ssw		<u>i.8</u>	1.6	.3								4.5	6.1
sw	.7	1.4	. 6	• 1								2.8	5.2
												11	

TOTAL NUMBER OF OBSERVATIONS 3425

21.2

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS $^{\circ}$ F THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RALL	ÜLPH AF	E TEXA	S/SAN	ANTONI	<u> </u>	38-	75		TEARS				AY
	_				ALL HE	. T - E 0	.					0600	-0800
					сон	DITION	, -						
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	l s	1.3	1.2	. 2	.)						5.9	7.3
NNE	1.0	1.3	2.1	1.5	.6	•1	•1					6.5	9.3
NE	1.2	1.8	2.3	1.5	1	.0						7.0	7.9
ENE	.7	1.7	1.2	.4								3.9	6.4
E	. 6	1.8	1.2	•1								4.0	5.7
ESE	1.2	1.5	1.5	.2	.1							4.4	6.0
SE	1,3	3,5	4.0	1.3	.1	1						10.2	7.3
SSE	1.0	3,5	5.2	2.0	. 1							11.8	7,9
\$	1.7	4.2	6.1	2.9	- 1	.0		l				14.9	7.8
ssw	.7	1.8	2.5	.8								5.8	7.0
s₩	, 5	.9	• 9	• 2								2.5	6.4
WSW	.3	.7	.4	.1						ļ <u></u>		1.5	5.9
w	.4	. 5	.3	•0								1.3	5.2
WNW	-2	2	-1	.0	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>		6	5.4
NW	5	.3	- 4							<u> </u>		1.3	6.3
NNW	1.3	1.4	5	3	-0					ļ		3.5	5.3
VARBL				ļ	Ļ,					Ļ			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.9	
	1	1 3/ 0						i	1	1			

TOTAL NUMBER OF OBSERVATIONS 3437

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RALL	OLPH AF	AXAT 6	S/SAN	AKTONI	<u>u</u>	38-	75		YARS .				AY
		_				ALL WE							0900 HOUR	≈1100 (L.S.T.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.2	.6	1.6	8.	3	i						2.9	10.2
	NNE	• 4	1.1	1,3	1.9	•6	• 2	Ú					5.4	11.0
	NE	• 5	1.4	2.6	2.2	. 3	- 1				<u> </u>		7.0	9.4
	ENE	.3	1.4	1.9	1.1		.0						4.8	8.3
	E	1.1	2.1	1.9	.6		0_				ļ	<u> </u>	5.7	6.6
	ESE	, 5	1,2	1.7	.5						<u> </u>		4.0	7.4
	SE	.6	2.1	4.9	2.6	-2							10.4	9.0
	SSE	.7	2.6	7.2	4.4	. 9	1						15.9	9.8
	<u> </u>	• 9	3.9	9.1	7.4								22.2	9.6
	SSW	.4	2.1	4.2	1.8		0_						8.6	8.4
	sw	• 5	1.1	1.4	3								3.3	6.8
	WSW	,3	• 3	.5								ļ	1.3_	6.9
	w	.3	4	. 3	1_								1.0	5.7
	WNW		. 2			.0					ļ		6	9.4
	NW	1	.2	- 2	3_								9	9.4
	NNW	.2	.2	. 8	.5		1						1.8	9.8
	VARBL	_	<u> </u>	<u></u>	<u> </u>	L					<u> </u>	Ļ		
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	4.0	
	1	lî .	1	1	I	I	i	1	1	ŀ	l .	1 1	ı	i

TOTAL NUMBE OF OBSERVATIONS 3449

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCLETE

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3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RAUL	ULPH AF	STATION NAME STATION NAME TEARS											
	_				ALL AF	ATHER	 					1200 HOUR	=1400 s (E.S.T.)
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	• 5	1.4	1.0	.2	.1	0					3.4	10.3
NNE	•4	• 7	1.4	1.7	. 4	οō.						4.7	10.3
NE	.3	1.2	2.3	1.5	.3							5.7	9.2
ENE	.4	1.5	1.9	1.0	.1	.0						4.8	8.2
E	.5	1.9	2.8	1.0	. 1					 		6.3	7.7
ESE	.3	1.9	2.9	1.0	.2	.0						6.4	8.2
SE	. 9	3.0	6.0	3.9	. 8							14.6	9.3
SSE	• 7	3.3	7.8	6.2	6	.1						18.8	9.8
S	.9	3.4	8.9	6.1	.9							20.1	9.6
ssw	• 4	1.1	3.1	1.2	1							5.9	8.5
sw	. 5	.5	1.0	.1	•0							2.2	7.0
WsW	. 2	. 2	.2	.1								8	6.9
w	.2	. 3	.2	1								- 8	5.9
WNW	.1	.1	2	.1	•0							.4	7.5
NW	. 2	1	.4	.2	.0							1.0	8.5
NN.A	.1	. 2	. 5	.3	1	.0	•0		L			1.2	10.2
VARSL													
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.8	

TOTAL NUMBER OF OBSERVATIONS 3450

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

RANGOLPH AFE TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL AF	A I HER						15
	-				CON	DITION						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*
N	, 2	.3	1.2	1.2	4_	1						3.
NNE	.3	. 9	1.6	1.4	.3	. 1						4.
NE	•2	1.0	2.1	1.4	. 2	.0						4.0
ENE	.3	1.4	2.0	• 5	• 2	.1						4.0
ε	8.	2.6	3.1	1.0	.2	1						7.
ESE	.3	2.1	3.4	2.2	.6	.1						8
SE	.8	3.6	7.3	8.2	1.8	• 2						22.0
SSE	.6	2.7	8.1	9.8	1.4							21.8
S	8	2.2	5.6	3.4	. 2							12.
ssw	. 2	• 6	1.2	• 6	.0							2.
sw	.3	-6	. 4			.0				1		1.
WSW	.1	•1	.3	.0					<u> </u>			
			.4	1	.0							
WNW	.1		- 1							<u> </u>		
NW		.1		5_	.0					<u> </u>		
NNW	. 1	. 3	.5	3								نعلــــا
VARBL									<u> </u>			
CALM		$>\!\!<$	><	$\geq \leq$	>	><	$\geq \leq$	$\geq <$	$\geq \leq$		$\geq <$	2.

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PRECESSI G 384..CF ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u>RA1101</u>	DLPH AF	6 TEXA	S/SAN	INCTHA	<u>.</u>	36-	45,47-	75	EARS				AY
-						ALL WE								-2000
						CCH	DITION							
ſ	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	.4	.6	1.1	.7	.3	. 1						3.2	9.1
	NNE	5	. 4	1.4	۶	• 3					i		3.6	5.6
	NE	اع.	1.3	1.8	1.2	• 2			0		i		5.1	8.7
	ENE	.9	1.5	1.4	. 8	.1							4.7	7.1
Г	£	1.0	2.6	2.7	8	.1							7.2	7.1
Γ	ESE	1.0	3.2	3.5	2.3	. 7	. 1						10.8	8.7
_	SE	1.9	4.7	10.8	11.5	2.1	.2						31.3	10.3
_	SSE	.6	3.4	7.6	8.4	1.0	.0						21.0	10.2
_	\$.2.	1.4	1.9	• 7	1							4.4	7.8
	ssw	.1	. 4	.3).								9	6.9
	sw	.0	. 2	. 2	.0								.4	7.2
L	WSW	ن و	.0						L				1	5.8
	w	.2	1	.0						0			.4	6.9
L	WNW	1	1	1	1						ll			10.0
L	NW			2	2								5	10.2
L	NNW	1	.2	4	1	1	ن أ							9.4
L	VARBL						ļ							
L	CALM	$\geq \leq$	\geq	$\geq \leq$		$\geq \leq$	5.4							
		7.6	20.2	22 5	27 0	4 9		0		0	Į i		100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 3416

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

15

DATA PRUCESSING RRA COETACYUSAF AIR WEATHER SEPVICEY AC

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RAILUCLPH AFE TEXAS/SAL ANTOHIO

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COM	DITION						
	~											
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4: - 47	48 - 55	≥56	×
N	. 9	1.1	3.	.5	.2			i				3.
NYE	. 5	.7	1.5	•6	.4							3.
Nā	. 8	1.6	1.3	• 9	.2	. 3						4.
ENE	.6	. 9	, ô	.3	• 1							2.
E	1.2	1.9	1.3	• 4	.1							4.0
ESE	1.0	1.9	2.2	1.2	.2	.0						5.1
SE	1.4	4.2	9.4	6.6	• 7	0	•1					22.
SSE	.9	5.0	12.2	8.0	. 6	•0	• 0					25.
S	.7	2.3	4.5	1.4	.1							9.
ssw	.4	.6	. 2	•1					<u> </u>			1.
sw	. 1	• 1	.1	•1								
wsw		.1	.3	· c		.0			T			
w	.1	•0	1									
WNW		.1	•1	•0	• C							
NW	1	. 2	. 1	• 2				1				
NNW	.5	.5	. 2.	.0								1.
VARBL									1			
CALM												11.

USAFETAC FORM 6-8-5 (OL-A) PREVIOUS EDITIONS OF THIS ORM ARE OBSOLETE

DATA PRECESSING 3K - CH ETAC/USAF AIR WEATHER SERVICE/ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 RA	NOOLPH AF	S TEXA		<u> </u>	Uív Onth								
	_		 		LLL of	ATHER						0000	-0200
	-				con	BITION			· · · · · · · · · · · · · · · · · · ·				
SPEED (KNTS) DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	Mi NN W. D SP.D
N	.9	1.2	. 2	•1	.1							2.6	-1
NNE	• 5	.9	ó	• 2	•0							2.2	1.2
NE	.3	1.3	9	.2	.1	•0						2.8	- 1 - 2 - 6,9
ENE	.0	3.	. 1	• 0								1.5	4,5
E	.6	1.1	3	• 1		.0						2.2	4,5 5,5
ESE	.9	1.2	. 9	• 1		7.3						3.1	5.6
SE	1.9	4.4	5.5	1.3	.1							13.1	6.9
SSE	2.5	7.5	11.3	4.3	.1	.0	• 6					25.7	6.9
5	2.4	5.7	8.8	3.4	.1	.1						21.6	7.6
SSW	. 7	1.6	1.1	. 3								3.8	7.5 5.8
SW	, ŝ	в	. 2	.1								1.7	4,6
WSW		.3	.1									5	4.4
W	. 2	2										. 4	2.4
WNW	.2	1	1	.1								.4	7.4 6:2
NW	.2	.2	. 1	•0		<u> </u>						.6	5.0
NNW		. 8	.2	.1								1.7	4.6
VARBI		1											
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	16.0	
	tt	1	i					i		i			

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JR 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RATE	OLPH AF	B TEXA	S/SA	ANTONI	<u> </u>	28-	45.47-	75	TEADE				114 114
					ALL ra	ATHER						030)	÷050
					ći	A 36						NOV S	6 (L S T.
	_				com	B(†104)							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEI
н	1.2	1.5		.1	.0							3.7	4
NNE	.5	1.1	.6	•2	•1							2.4	6
NE	• 7	1.0	. 8	, 2	1							2.8	
ENE	.6	.6	.4	•1								1.6	5
E	_,9	.7	• 3		ينو							2.0	4
ESE	.6	.9	.6	- 1								2.1	-
SE	1.5	3.2	2.4	. 4								7.9	-
SSE	1.6	5.1	5.9	1.7	.0				1			14.3	
5	2.5	7.3	9.7	3.7	2	0		<u> </u>				23.5	
ssw	1.4	2.8	1.6	7						!	<u> </u>	6.6	
SW	1.2	1.2	. 5						<u> </u>	<u>i</u>	<u> </u>	2.9	4
WSW	. 5	.3		<u> </u>					<u> </u>				
w	- 2	4						<u> </u>	<u> </u>	<u> </u>		8	
WNW	- 4	2		0	ļ					ļ	ļ	7	
NW	-4	. 4	2		Ļ			L				1.0_	- 4
NNW	1.3	1.3									i	3.0	
VARBL						Ļ,			Ļ	Ļ			
		_	_	·	\sim	· `	· > /	_		· \	_	23.9	I

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

Įį.

3270

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN ANTONIO	38~75	JUI;
5	ALL WE		<u>0600≈0800</u>
		ITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.4	.5	.1								3.1	5.0
NNE	.6	1.0	1.5	• 5	. 1							3.6	7.1
NE	1.0	1,1	1.0	• 4	2	.0						3.6	7:0
ENE	.8	1.1	•6	•1	•0							2.7	5.5
E	1.0	1.7	• 9	•1	•1							3.7	5.5
ESE	1.2	1.5.	1.0	.2	0							3.0	5.5
SE	1.4	2.5	2.4	•5	•0							6.8	6.2
SSE	1.1	3.9	5.7	2.8	. 3							13.9	8.3
5	2.0	6.2	11.1	5.2	. 4.	• 1						24.9	8.4
SSW	1.1	2.8	4.3	1.4.	• 0							19.6	7.4
sw	. 9		. 7	•1								3.1	5.4
WSW	.2	• 7	. 3	•0								1.2	5.5
w	. 2	.5	. 2	•0								1.0	5.1
WNW	.4	.2	.1	.1								. 8	4.8
NW	.3	.2	• 2	.1							I	- 8	_ 5 .2
WMM	.7	1.0	.7	.0								2.4	5.3
VARSL													
CALM	$\supset <$	\ge	> <	\times	\times	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq		15.1	
	14.0	27.1	31.0	11.5	1.1	<u>, 1</u>						10070	6.1

TOTAL NUMBER OF OBSERVATIONS	3328
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USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

antaningan in silika sa anga njigat kananangan in nga ma Tanan S

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and the second s

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_							=1100					
	-				сом	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	≥56	%	MEAN WIND SPEED								
N	. 2	.3	•6	. 3								1.4	7.6
NNE	.3	8.	1.0	.5		.0				 		2.7	7.6
NE	.3	1.2	1.3	. 8	.2							3.9	8.4
ENE	.4	1.0	1.3	.4	.1							3.2	7.6
E	. 8	2.3	1.5	. 2								4.8	6.0
ESE	• 6	1.4	1.1	.3								3.4	6.4
SE	1.0	2.4	3.1	1.5								8.1	7.7
SSF	.7	3.4	7.1	6.1	. 3							17.7	9.5
S	1.8	5.4	13.6	9.6	1.1	.1				<u> </u>		31.8	9.5
SSW	. 9	2.9	5.8	2.9	2	. 0						12.6	8.6
sw	. 4	1.0	1.7	.4						İ		3.5	7.1
WSW	.1	.4	.2									7	5.7
w	. 3		. 2	-1								1.2	5.7
WNW		.1	1									3	5.7
NW	- 2			.1	ļ							.6	7.2
NNW		-2	.2						<u> </u>			. 5	7.2
VARBL		Ļ		ļ	Ļ	ļ,		Ļ.,	Ļ	ļ,			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	3.7	

TOTAL NUMBER OF OBSERVATIONS

> NW NNW VARBL CALM

RANDOLPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

												-	*****
	-				ALL WE	ATHER							-1400
						LA 50						* 1.4 2.2 3.4 3.8 6.0 6.0 13.1 23.1 25.7 7.2) (6.9.1.)
			· · · · · · · ·		SON	DITION							
	_												
	ii T					·········	· · · · · · · · · · · · · · · · · · ·			T-/		11 1	
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.2	• 4	•6	•2				ı	1		·····	1.4.	7,5
NNE	.1	•6	1.2	• 2	•0	.0						***********	8.1
Nε	.3	1.0	1.5	•6	•0							3.4	7.8
ENE	.4	1.1	1.8	•4	. 1							3.8	7.5
E	.6	2.0	2.9	• 5	Ų							6.0	7.2
ESE	.5	1.7	2.6	. 9	. 2							6.0	8.0
SE	1.0	3.1	5.5	3.1	. 3	.0						13.1	8.6
SSE	.7	3.7	9.1	8.8	8.							23.1	9.9
<u> </u>	1.1	4.8	11.3	7.6	• 7	1						25.7	9.4
SSW	5	1.8	2.9	1.5	. 4	.0						7.2	8.8
sw	.4	. 9	. 8	• 2	0							2.4	6.4
WSW	. 2	.2	• 2						1			.7	

TOTAL NUMBER OF OBSERVATIONS _______3360

USAFETAC $\frac{\text{form}}{\text{JUL 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RAN	DOLPH A	FR TEXA	S/SAN	ANTONI	<u>U</u>	38-	75	 ,	/EARS	·····			UN
	_				ALL WE	ATHER						1500	-1700 (L.S.T.)
	-				соя	DITION							
SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N DIK.	 ,											1.2	8.8
NNE	• 1	,5	1.0	•3								2.3	8.3
NE	• 2		1.7	1.0		.1			<u> </u>			3.9	9.5
ENE				.9	. 1								8.3
E	.6	2.2	2.1	1.3	• 1	.0						7.1	7.8
ESE	•7	1.8	4.6	3.3	.4	•0						10.7	9.4
SE	• 7	3.2	10.2	8.5	1.5	.2				i		24.2	10.3
SSE	.6		10.0	9.6	1.1	1	•0					24.3	
5	.7	2.3	6.8		. 4	i				—		14.0	9.3
SSW	.3		1.1	.5	.1				<u> </u>			2.8	8.1
SW	.1	.5	3	•1								. 9	5.4
WSW	.1	.2	•1	•0	.0							.4	6.8
w	.2		•1	• 2.					i			.5	5.8
WNW	.1	1	.1	.0		.0						.3	6.9
NW	.0	1	1	.1		.0						.3	8.7
WMM	.0	.1	.3	.2	. 1							.7	10.1
1/4881												i	

TOTAL NUMBER OF OBSERVATIONS 3358

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL WE			1800 HOUR	-2000					
	-	<u> </u>			CON	NOITION								
SPEED (KNTS) DIR.	1 - 3	4 - 6	4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 ≥56											
l N	•1	.3	.3	•1	.0		•0		<u></u>	 		• 9	8.0	
NNE	.1	.3	.9	.5	.1	•0				 		1.8	9.3	
NE	.5	.8	1.6	• 5	.1		•0		i			3.5	8.1	
ENE	.4	.7	1.6	•9	.1		•0					3.7	8.7	
E	8.	2.9	2.9	1.3	.2							8.0	7.5	
ESE	.9	3.1	4.4	2.6	•7	. 2						11.8	8.9	
SE	1.4	4.6	12.7	13.7	2.5	. 2						35.0	10.6	
SSE	. 9	3.1	9.4	9.2	1.5	.1						24.2	10.4	
5	.4	1.5	2.6	1.0	. 1							5.6	8.3	
ssw	• 1	.2	• 3	• 2	0							• 9	7.9	
sw	-1	.0	. 1							L		.2	4.3	
W\$W		-1	.0									.2	5.0	
W	11_	.2										4	5.8	
WNW	-1	.1	.0									2	5.0	
NW		.0	٥٠	0				<u> </u>	<u> </u>			2	6.6	
NNW	.1	1		• 2				.0		<u> </u>		.5	9.4	
VARBL		<u></u>								<u> </u>				
CALM	><	><	><	><	><	><	><	><	l><	><	><	2.9		

TOTAL NUMBER OF OBSERVATIONS 2272

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RANDOLPH AFE	TEXAS/SAN	ANTONIO	38-45,47-75			JUN	
STATION		STATION NAME			TEARS		MORTH	
					2100-2300			
	 -	ALL WEATHER						
		<u> </u>		CONDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	.3	•2	1							_1.2	7.8
NNE	.3	.6	• 4	• 2	.0							1.5	6.2
NE	.8	.9	8	• 4								3.0	6.5
ENE	.7	1.2	. 8	•0								2.7	5.6
E	1.4	2.4	1.3	• 2								5.3	5.4
ESE	1.0	1.8	2.4	1.3	. 2							6.6	7.8
SE	1.1	5.9	10.5	8.8	. 8	_0						27.1	9.4
SSE	.6	5.3	15.5	9.7	•7							31.9	9.5
5	.6	2.5	3.8	1.8								8.8	8.1
ssw	-1	.4	. 3	.1		•						.9	7.0
sw	• 2	.1	1					<u> </u>		1		3	4.5
WSW	. 2	•0	.1									2	4.4
W	.1	. 1	.1									. 2	5.8
WNW		1	.0									1	5.8
NW	.1	.1	.0	.0								•2	5.0
NNW	. 3	.2	.3	1		0						8	6.6
VARSL													
CALM	$\geq \leq$	\ge	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	9.1	
	7.7	21.9	36.5	22.8	1.8	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AF	B TEXAS/SAN	ANȚONIO	38-45,47-75	TEARS		JUL
				EATHER CLASS		-	0009-0200 HOURE (L.S.T.)
	-					<u>.</u>	
			C	DIDITION			
						-	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•6	.6	. 2	• 0								1.4	4.6
NNE	•6	.2	•3	• 2								1.2	6.0
NE	.7	1.0	. 3	.1	_ 1							2.2	5.:
ENE	.3	.4	•2	•1								• 9	5.3
E	.9	•7	• 3	•1								2.0	4.5
ESE	.8	1.0	,9	• 2								2.8	5.7
SE	2.1	4.5	3.5	• 4								10.4	5.8
SSE	3.9	8.7	9.0	1.6								23.1	6.4
5	3.3	13.0	9.2	1.6	.1							27.1	6.3
SSW	1.7	3.1	1.4	•1								5.3	5.2
sw	1.1	1.4	•4						1			2.8	4.4
WSW	•5	• 2	• 1									.9	3.8
w	.1	. 1										• 3	3.4
WNW	.1	.1										.1	3.5
NW	5.	.2	. 1									. 5	4.1
NNW	•1	.2	. 1					ļ				.5	5.1
VARBL													
CALM	\times	\times	\times	> <	$\geq <$	\geq	\geq	\boxtimes	\boxtimes	\times		17.4	
	16.9	35.4	25.9	4.2	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3388

USAFETAC PURM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

44 0-6-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM

O

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 - STATION	RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75													UL	
						ALL WE	ATHER						0300	-0500	
						EI	A15						NOS ES	(L.S.T.)	
						сон	DITION								
		_													
												,			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
Ī	N	1.2	.9	,9 .6 .1											
[NNE	.4	•6		1.5	4.8 5.5									
ĺ	NE	1.1	•6	• 4	•1								2.2	4.9	
Į.	ENE	.6	,4	الو	•1								1.2	4.5	
ŧ	E	ر 7	.8	. 2	•0								1.8	4.3	
	ESE	8	• 9	.2									1.9	4.1	
1	SE	1.7	2.4	,6	• 1								4.8	4.6	
	SSE	2.1	4.3	2.8	.4								9.6	5.6	
1	5	3.7	9.6	7.4	1.4					<u> </u>			22.1	6.2	
Į.	SSW	2.4	4.2	2.6	. 2						<u> </u>		9.4	5.3	
Į.	SW	2.2	2.3	5	.0						<u> </u>		5.1	4.4	
	WSW	1.0	. 5	2									1.7	3.8	
	w	1.0	4								ļ		1.4	3.1_	
Ļ	WNW	1	- 2								<u> </u>		.4	4.0	
1	NW	-2	4		٠٥					 _	 _			5.0	
1	NNW	.6	.4						<u> </u>	<u> </u>	L		_lel	4.0	
1	VARBL		ļ	<u></u>				Ļ,	k —,	Ļ	Ļ,	k			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	32.2		

TGTAL NUMBER OF OBSERVATIONS 3338

ISAFETAC RR 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KAN	MELL AL	STATION	H HYNE	ANTORI	ш	38=	12		TEABS			- 	IONTH
						ALL WE	ATHER						0600	-0800 s (L.s.T.)
						сом	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	. 6	. 8	•7	•1								2.4	5.3
	NNE		. 8	•7	•1								2.0	5.9
	NE	.8	.9	1.0	• j	.0							2.9	5.9
	ENE	.6	.6	•3	1	• 0							1,7	5.4
	E	• 7	1.1	•4	.1	0							2.3	4.9
	ESE	.7	1.0	•6	.1								2.3	5.3
	SE	1.7	2.0	1.1	-1								4.9	5.0
	SSE	1.8	4.3	3.7	7	.0							10.6	6.3
	5	3.2	8.1	9.0	2.6	.3					<u> </u>		23.3	7.0
	SSW	1.5	4.6	4.6	1.4							 	12.1	6.8
	sw	1.7	3.2	1.6							<u> </u>	ļ	5.6	5.1
	wsw	. 8		.5	.0		 				 	 	2.3	5.0
	W	- 8	-6	4						 	 	 	1.9	4.6
	WNW	.3	-3			ļ	ļ		 -	ļ	ļ	 	-7	4.4
	NWW	.3	.2		 		 			 	ļ	 	6	4.1
	VAREL	-4	6	•2	1	<u> </u>	 		ļ	ļ	 	 	1.3	4.8
		\leftarrow									\leftarrow	$\leftarrow \rightarrow$	22 2	
	CALM						\sim	\sim	$\geq \leq$				22.2	
		T												

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN ANTONIO	38~75	JUL					
	ALL WEATHER							
COMBITION								

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17	27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, 3	.4	•2	• 3								1.2	6.7
NNE	.3	• 3	5	• 3						<u> </u>		1.4	7.6
NE	.4	.9	1.2	.3	.0							2.9	7.3
ENE	•4	.6	1.2	• 2	.0					L	 	2.5	7.1
E .	•7	1.1	9	.1				<u> </u>				2.8	5.7
ESE	.4	.7	1.0	•3	.0							2.5	7.0
SE	1.0	1.8	2.0	.4								5.1	6.5
SSE	1.2	3.1	5.8	2.4	-0		<u> </u>	ļ		ļ		12.5	7.9
5	2.0	7.6	14.5	7.1	-3	.0	<u></u>	ļ		<u> </u>		31.6	8.4
SSW	1.4	5,4	8.6	2.2	.1				<u> </u>	<u></u>		17.6	7.6
SW	1.2	3.7	3.8	.3			 		ļ	ļ	ļ	9.1	6.3
WSW	.3	1.3	. 8					ļ			 	2.5	5.0
W	- 5		- 2	.0			 	ļ			ļ	1.4	4.5
WNW	1	.3			<u> </u>				 -	 		6	4.6
NNW	.1		•1	.0			 		 	<u> </u>		•4	4.5 5.8
VARBL			. 2	<u> </u>		<u></u>	 	 	 -			- • 4	200
												5.5	
CALM												202	
	10.6	28.0	41.2	14.1	.5	0	l					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3478

ISAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

WNW

NW NNW VARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANU	OLPH AF	FB TEXAS/SAN ANTONIJ 38-75											JUL	
DIATION														1200-1400	
		_	ALL WEATHER												
		_				COM	DITION								
		_													
	SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND	
	DiR,													SPEED	
	N	.4	.3	5	2	.1							1.5	7.1	
	NNE	.1	• 6	.3	.4	.0							1.4	8.1	
	NE	.4	•6	1.1	.9	• 1	.1						3.2	9.1	
	ENE	.5	8.	1.6	• 5								3.3	7.6	
	E	. 8	2.1	2.2	• 5	.1							5.7	6,9	
	ESE	•3	2.4	2.7	.9	.1							6.3	7.8	
	SE	1.1	4,4	5.5	1.6		.0						12.6	7.4	
	SSE	1.5	4.4	8.9			. 0						18.4	8.3	
	\$	2.0	6.8	12.7	5.6	.5	.0						27.6	8.4	
	SSW	•9	3.3	3.9	1.5	.1							9.7	7.4	
	SW	.7	1.4	1.2	•3								3.6	6.4	
	WSW	.4											1.0		

0

TOTAL NUMBER OF OBSERVATIONS 3485

3.8

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANC	DLPH AF	B TEXA	S/SAN	ANTONI	<u>Ci</u>	36-	75	 -	TEADS				UL
		_				ALL HE	ATHER		·		_		1500	-1700
						Con	91T'98							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 23	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	-1	.3	•4	•2								1.1	7.9
	NNE	•2	.4	•5	.3	•1	0						1.5	9.0
	NE	.4	.7	1.2	1.1	- 2							3.5	9.5
	ENE	.3	1.0	1.5	.8	- 4							3.7	8.5
	E	.7	2.3	2.8	1.2						ļ		7.3	8.1
i	ESE	.6	2.4	4.8	2.7	. 4	1						11.0	9.0
j	SE	1.4	4.9	10.5	5.0	6				ļ			22.6	8.8
	SSE	1.1	4.3	10.4	5.9	.5	0			<u> </u>			22.2	9.1
		1.3	3,9	7.2	4.0	3_	.0		<u> </u>		<u> </u>		16.7	8.6
	SSW	.3	1.3	1.8	•7					<u> </u>	L		4.2	8.0
	SW	-4	. 8	.6		0				<u> </u>			1.9	5.2
	wsw	-2	.3	.1	-0				<u> </u>				6	5.4
	w	1	1						<u> </u>				5_	5.7
	WWW			1	.0				<u> </u>	<u> </u>			2	7.7
	NW	2_	1	- 1	1				<u> </u>	<u> </u>			5	6.3
	MMM		0	0					L				3	8.2
	VARBL		L				L	L	L	L	L			
	CALM		><		><	><	><	><		><	><		2.2	•

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RANDOLPH AFR TEXAS/SAN ANTONIO 38-45-47-75

					ALL WE	ATHER.						1800	=2000 (L.S.T.)
				····	co::	DITION							
SPEED (KNYS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 2	.3	.3	.1								. 9	6.
NNE	.2	. 3	.3	•4	.1							1.3	8.
NE	. 4	.5	. 7	. 3	.1							2.2	7.
ENE	.4	¿7	1.0	.4	. 1	.0	•0					2.7	7.
E	.6	1.6	2.4	1:1	. 3							6.1	8.
ESE	9	ias	3.3	2.7	. 3							12.8	9.
SE	1.7	6.4	14.5	10.5	1.6	. 2	• 0					34.9	9.
SSE	1.1	3.7	9.3	8.1	1.4	.1						23.8	10
\$. 7	1.9	2.0	2.0	.3							7.5	8
SSW	.2	, 5	.7	. 7.	.1							1.9	8
SW	.1	. 4	2	1	.0							.7	.7.
WSW	.0	.1	.1									• 2	5.
w	1	1		.1								-4	6.
WNW		0	0	.0		. 0						. 2	8.
۸W	.0	٠٠١										.3	`7`
NNW	.0	'n	.0	, î			í i			,		.4	8.
VARBL				, , , , , , , , , , , , , , , , , , ,									

TOTAL NUMBER OF OBSERVATIONS 3383

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN .	ANTONIO 38-45,47-	75	JUL
		ALL WEATHER		2100-2300
		CLASS		HOURS (C.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1	.2	.2	•0								.6	5.7
NNE	• 3	.4	. 2	• 1	.0	0						1.0	6.4
NE	•7	7	. 8	.3	. 1	0						2.7	6 , 8
ENE	•4	.7	.6	. 1								1,9	6.3
E	1.3	1.4	1.1	.7			.0					4.5	6.3
ESE	1.3	1.7	2.2	1.2	•							6.4	7.2
SE	1.5	6.2	10.8	5.4	. 5	0						24.4	8.5
SSE	1.0	.6.3	17.1	10.8	.5	.0						35.7	9.3
\$	1.0	3.1	5.3	232	.3							11.3	8.2
SSW	, 3	. 5	. 8	.4	•0							2.1	7.8
sw	1	•1	. 2	•								.5	6.1
WSW	. 2	•0	-0									.3	3.2
w	• 1	- 0										.i	3.3
WNW		.0										.0	4.0
NW	.2	•1	. 1									.3	
NNW	. 2	. 1	. 1	•0					1			.5	4.9
VAR3L		,							,				•
CALM	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\ge	$\geq \leq$	$\geq \leq$	\geq	<u>. </u>	\geq	$\geq \leq$	7.3	
	8.7	21.7	39.5	21 32	1.4	1	۰ ،					iooşo	7.7

TOTAL NUMBER OF OBSERVATIONS 3389

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDULPH AFB TEXAS/SAN ANTONIO	38-45,47-70,72-75	AUG MONTH
		ATHER	0000=0200 HOURS (L.S.T.)
	сом	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, 9	•7	5	•0	.1	.0				1		2.2	5.6
NNE	.5	•6	. 6	.2								2.0	6.1
NE	.9	•6	• 9	•3								2.7	6.2
ENE	. 8	• 5	.5	0								1.8	4.8
E	1.3	1.2	.3	. 1	•0			<u> </u>	1			2.9	4.6
ESE	. 8	1.0	•5	.1	•0				· · · · · ·			2,4	5.1
SE	2.5	4.6	2.3	.4								9.8	5.4
SSE	2.9	6.9	5.7	7								16.2	6.1
\$	3.4	10.0	7.6	1:1		. 0		<u> </u>	<u> </u>			2272	6.2
ssw	1.7	2.9	2.1	•2								6.9	5.5
SW	.9		1.3	•0								4.2	5.4
WSW	.3	• . 5	3						 			111	5.8
w	.4	.3	.1	• •					 			. 8	3.9
WNW	.1	. 2	.1									.3	5.7
NW	4	, ź	, , ,	•0						1		6	3.5
NNW	.6	5	- 1	.1							<u> </u>	1.2	4.1
VARBL									<u> </u>				
CALM	\times	> <	> <	>	> <	\times	>	> <	> <	$\supset <$	> <	22.9	
	18.2	32.6	22.7	.3.4	.2	, 1						ĭ00.0	4.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (OL-A) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 - STATION	RAND	DLPH AF	B TEXA	S/SAN	TNOINT	<u>ú</u>	38	45,47-	70.72	75			- <u>- Al</u>	UG ONTH
		_				ALL WE	ATHER						0300	#0500 (L.s.T.)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
Ì	N	1.6	1.2	7	•1			•1	•0				3.6	5.3
Ì	NNE	.8	•6	.6	•	•0							2.1	5.2
Ì	NE	1.0	1.0	1.0	•2	.1		<u> </u>					3.3	6.1
ļ	ENE	•6	•6	.4	•1								1.7	5.6
Ī	E	, 9	1.1	.1	0								2.1	4.0
	ESE	,7	, 5	. 1	. 1	.0							1.4	4.6
	SE	1.9	1.8	6	•1								4.3	4.5
	SSE	1.9	2.8	1.7	.3								6.7	5.2
	\$.3.7	7.2	4.0	. 8								15.8	5.6
	SSW	2.1	-4.5	2.0	2		<u> </u>						8.8	5.2
	sw	2.1	3.3	8	.0								6.2	4.4
ļ	WSW	111	1.2	.3	.0							<u> </u>	2,6	4,4
j	w	6	7_	- 2			ļ		<u> </u>				1.5	4.2
ļ	WNW	. 3	- 42	- 1			<u> </u>						.6	4.2
ļ	NW	6	5	-1		ļ							1.2	3,9
	NNW	104	1.3	- 2	-0						ļ		2.9	3,9
ļ	VARBL			<u> </u>			_		Ļ		ļ		 	
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	35.3	
		.01.12	20'4		2 0	· •		,	_				600:0	2.2

TOTAL NUMBER OF OBSERVATIONS 3331

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11	RAND	OLPH AF	B TEXA	S/SAN	ANTON	0	38-	70:72-	75				A	UG
TION	•		STATIO	I NAME					T	SARS				
						ALL WE	ATHER						0600	-0800
						•							WOOM	(2.5.1.)
		-				CON	DITION				_			
	r													
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.6	1.5	. 5	.4					•0			4.0	5.2
	NNE	1.3	1:1	. 9	. 3				• 0	9			3,7	6.3
	NE	1.4	1.3	9	.3	•1							3,9	5.6
	ENE	. 8	. 8	. 9	.2								2.6	6.0
	E	1.6	1.3	.6	• 1								3.7	4.6
	ESE	1:1	.7	,3	.0	•0							242	4.4
	\$E	1.5	1.8	.,7	2								4.1	5.0
	SSE	1.5	2.2	1.9	.3	.0							5.9	5.8
	S	2.8	6,2	5.8	1.3	1							16.2	6.5
	SSW	1.7	-4.0	3.4	-66	1							9.8	6.3
	sw	1.4	2.6	1.8	12	.0							6.1	5.6
	WSW	. 9	1.2	. 5	•1								2.7	5.1
	''	<u>•7</u>	9	.5									2.1	4.8 4.8
	WNW	- 4	5		.0			ļ					111	4.8
	NW	i5	4	<u> </u>	.1			<u> </u>					1.2	4.8
	NNW	1.4	1.2	4.	.eÓ								3.1	4.3
	VARBL	<u> </u>	Ļ,	Ļ	Ļ,	Ļ,								
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	27.5	
	1					,	l		, .					

TOTAL NUMBER OF OBSERVATIONS 3398

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RANDOLPH AFB TEXAS/SAN ANTONIO	38-70,72-75	AUG
STATION	STATION NAME	YEARS	MTHOM
	ALL 1	NEATHER	6900-1100
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	. 5	.5	•3	.0			1	<u> </u>			1.7	6.7
NNE	.4	. 8	1.4	•6								3.2	7.7
NE	.8	1.2	1.3	•6	.0							4.0	7.3
ENE	.6	1.3	1.3	1.0				0	.0			4.2	8.0
ŧ	1.5	2.0	1.5	•2	0	•0						5.3	5.7
ESE	.8	1.0	9	.4	,			I				3.1	6.4
SE	141	2.1	1.7	.3								5.2	6.0
SSE	1:1	3.2	.3.2	1.4	0							9.0	7.2
\$	2.1	5.8	10.5	5.2	. 1							23.7	8.1
ssw	1.4	4.1	8.4	2.2	Ó							16.0	7:7
sw	1.3	3.6	.3.6	. 6	- 0							9.2	6.6
WSW	. 8	1:2	1.5	.3	•							3.7	6.6
W	.6	. 9	. 5									2.0	5.0
WNW	. 3	.3	1									. 8	464
NW	.2	2	. 3	0								. 8	5.8
WNW	.2	1	2	. 1								27	6.8
VARBL		• • •	•										
CALM	\searrow	$\geq <$	> <	> <	\geq	$\geq <$	$\geq \leq$		\geq	\geq	$\geq \leq$	7.3	
	13.7	28.4	37.0	13.2	.3	٠		.0	.0			10000	6.7

TOTAL NUMBER OF OBSERVATIONS

3037

DATA PROCESSING BRANCH ETAC/USAF ATR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RAND	OLPH AF	B TEXA	S/SAN	ANTONI	0	38-	70.72-	75	EARS			A	UG
314.104		_				ALL WE	ATHER		<u> </u>					-1400 (L.s.T.)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	H	.3	.5	5	.3	.1							1.7	7.5
	MNE	.4	.8	.9	6	.0							2.8	8.0
	NE	.8	1.3	1.6	+8	•1	1						4.6	7.8
	ENE	•6	1.4	1.8	141	1							5.0	8.0
	E	. 8	,3.2	3.4	131	.0	.0						8.6	7.2
	ESE	.7	2.1	3.1	.'9	0	.1						6,8	7.6
	SE	1.4	.3.8	4.7	1.4	.0	-1			L			11.5	7:2
	\$SE	1.2	3.4	7.2	2.1	- 1	.0						1/20	7.9
	5	2.3	6.1	9.7	3.9	.1	0						7.2.1	7:7
	SSW	9	2,5	4.4	1.7	1		•0					9.7	7.9
	SW	<u>•7</u>	1.5	1.7	.3		L						4.2	6,6
	WSW	-4	. 8	5	.1								1.9	5.8
	w	.5	. 5	.2	ļ					<u> </u>			111	4.3
	WNW			- 11	-1	ļ	0				<u> </u>		4	6.6
	NW	44	• 2	3	- 11		ļ				<u> </u>		1,0	5.9
	NNW	-1	-2	3	•1					ļ			<u></u>	7.5
	VARSL		k>	_			-					 		
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\sim	$\geq \leq$	$\geq \leq$		4.1	
			20.5			• •							700 6	

TOTAL NUMBER OF OBSERVATIONS 3428

USAFETAC $_{
m AUL~64}^{
m FORM}$ 0-8-5 (OL-A) previous editions of this form are obsolete

RANDOLPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

38-70:72-75

	-			 -	ALL WE	ATHER	-					1500 HOUR
	-				сон	DITION						
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	.1	.5	.7	.3	•0				<u> </u>			1.7
NNE	.3	.4	1.1	•6	•0	.0			·			2.4
NE	. 4	1.0	1.8	.9	. 4							4.5
ENE	.6	1.6	2.2	1.3	.1	-1						5.8
E	1.0	3.4	4.7	1.3	.1							10.5
ESE	1.0	2.6	5.1	2.7	. 5	1	40					11.9
SE	1,4	5.1	9.8	4.3	.4	.1				i i		21.1
SSE	1.0	3.8	7.8	3.4	.4	-0	•0					16.5
\$	1.0	2.9	6.2	2.7	Ž							13.1
SSW	3	9	272	1.0	į	٥٠						4.5
SW	.4	5	.7	. 5	.0							2.1
WSW	.1.	. 3	2	. 1								.6
W	2.	2:	. 3	1								8
WNW	, '	1	1									.3
"NÝ.	الم أن المناطقة المنا	- 32:	-61	1	1							.6
. WWW .	P	TO 31	3	, ,	. 1							-6
VARBL	رهمت الله محروي ال مرابع الله محروي ال	en i Nemer							L			
112.12.3	('A' ''	12:0	/			\sim		_ /		\sim		1

4.534

DATA PROCESSING BRANCH ETAC.USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KANU	ULPH AF	STATION	HAME TANK		AUG MONTH								
		_				ALL WE	ATHER						1800	9=2000 s (CS.T.)
		_				cox	NOITION			· · · · · · · · · · · · · · · · · · ·				
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
-	N	-4	. 3	. 2	-2	- 1		1		1			1 2	7 1

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.2	•2	1				1			1.2	7.1
NNE	.2	.5	•7	•4	1				[1.9	8.1
NE	.4	8	1.4	1.0	.1	1	•0					3.7	9.1
ENE	•6	1.0	1.8	•7	•1	-0	•0				-	4.2	7.9
E	1.2	2.7	3.4	1.3	.2							8.7	7.5
ESE	1.2	.3.7	4.8	2:2	.5							12.4	8.1
SE	2.0	8.1	12.2	8.2	1.5	•0						31.9	8.9
SSE	1.1	3,3	7.1	5.1	. 8	•1					i	17.6	9.4
5	.6	1.6	.3.7	2.2	,4							9.5	9.1
ssw	. 1	_,5	1.0	.5	. 5							2.5	10.7
SW	.1	.3	•2	.1	•0			<u> </u>	<u> </u>			.7	7.5
WSW	.1	1	.1						i			.2	5.1
w	.1	.2			0							.3	5.8
WNW	. 1	0	.1	41								.4	8.3
NW	.1	.1	•1	•1	•0				1			.5	7.9
NNW	- 1	.2	.2	i								.5	6.4
VARBL													
CALM	><	X	X	\ge	\geq	\times	\ge	\geq	\boxtimes	\times	\times	4.8	
	8.3	23.4	36.8	22.1	4.3	.2	i					Ĭ00-0	8.3

TOTAL NUMBER OF OBSERVATIONS 3339

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 • STATION	RANDOLPH AFB TEXAS/SAN ANTONIO	38-45-47-75	AUG					
	ALL WEATHER							
	CONSITION							

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	•2	.6	•4	.1								1.4	6.4
NNE	• 3	.7	.5	• 1								1.7	6.1
NE	.6	1.0	1:1	.3		0						3.1	6.6
ENE	. 8	111	1.0	.2								3.2	6.2
E	1.5	1.6	1.4	-4	0							4.9	5.8
ESE	1.4	2.0	232	.9	. 1							6.5	6.9
SE	2.7	6.3	9.3	.4.7	.4.]			23.4	7.9
SSE	lil	4.9	11.9	7.8	.3	. 0	.0					26.0	9.2
5	<i>•</i> 9	2.5	5.3	3.0	<i>i</i> 2							11.9	8.7
SSW	. 3	.8	1.7	. 8	. 4							4.0	9.2
sw	.2	.2	.2	1								.7	6.5
WSW	.1		.0	. Õ					l			.3	5.3
W		1		.0								.3	4.3
WNW	-1	1	.0	.0			<u> </u>					.2	5.1
NW !			.0								L	.7	3.9
NNW	- 2	. 2	2				l					. 7	5.1
VARBL							<u> </u>					<u> </u>	
CALM	\times	X	$>\!\!<$	\times	$\geq \leq$	\times	<u> </u>	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.3	
٠	10.8	22.4	35.3	18.7	1,4	ái	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS3338

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION -	RANDOLPH AFB TEXAS/SAN ANTONIO	38,40=74 YEARS	SEP
	ALL WEA	THER	0000=0200 HOURS (L.S.T.)
	CONDITION	OM	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	3.9	2.0	.3			•0					8.3	5.3
NNE	1.3	2.3	2.1	1.4	. 1	•0						7.2	7.4
NE	1.8	1.9	2.5	1:1	.0							7.4	6.9
ENE	.7	1.4	•9	.2	.1							3.2	6.2
E	•7	1.6	.4	•2								2.9	5.3
ESE	1.1	1.3	•7	•1	•0							3.2	5.0
SE	2.0	2.4	2.0	.3								6.8	5.5
SSE	1.4	3.7	2.6	.8								8.5	6.3
S	1.9	4.6	-4-1	131								1147	6.5
SSW	1.0	1.5	. 8	•1								3.4	5.1
SW	.7	1.1	. 5	• 2						I		2.4	5.3
WSW	.6	• 4	.0									1.0	3.7
W	.3	. 3	. 2									. 9	4.8
WNW	.1	.1	.1									.3	4.4
NW	ĵ	.7	.2	.1								1.5	5.0
NNW	2.0	2.5	.7	. 2.	•0		1					5.5	4.9
VARBL													
CALM	$\geq <$	> <	$\supset <$		><	><		$\supset <$	$\triangleright <$	$\geq <$	><	25.5	
	18-4	29.8	19.8	6.0	.3	٠	.1					Ĩ00.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3229

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C,

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RAND	DLPH AF	B TEXA	S/SAN	ANTONI	0	38,	40-74		reads			<u>s</u>	EP OUTH
							L'AUCS							
		-				ALL WE	LASS						V D U U	≈0500 (L#.T.)
		_				CON	DITION			·				
		-												
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	3,0	4.8	2.7	.9	.1							11.5	5.8
	NNE	1.8	2.3	1.9	1.1	.1							7.2	6.8
	NE	1.4	2.4	2.8	•7	.0							7.4	6.7
	ENE	.8	1.1	,8	•2	.0							3.0	5.8
	E	1.0	.8	. 5	•2					 			2.5	5.4
	ESE	.6	. 8	.3	.0					l			1.8	4.9
	SE	1.1	1.3	.7	•1						1		3.2	4.9
	SSE	.9	2.2	1.1	.3								4.5	5.8
	S	1.7	2.6	3.2	1.1					i —			8.5	6.7
	SSW	.6	1.5	•7	1								2.7	5.7
	sw	1.0	1.4	.4									2.7	4.5
	WSW	.5	.3	.1	.0								1.0	4.1
	w	.6	5	. 2	.0								1.5	4.5
	WNW	.4	. 5	. 3	.0	.0	.0						1.3	6.3
	NW	1.6	<u>_1,3</u>	6	1		.0						3.7	4.7
	NNW	2.9	4.0	. 9	1	.0			<u> </u>				7.9	4.4
	VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	29.7	
		19.7	27.8	17.4	5.1	.3	1						100-0	4.0

RANDULPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			-		COM	DITION				_			
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME WII SPE
N	2.8	4.7	2.8	1.3	. 3				-			11.8	6
NNE	1.7	2.8	2.7	1.4	•							8.6	7
NE	2.0	2.6	2.9	1.7	• 1							9.4	7
ENE	1.2	1.6	1.6	•7	.0	1						5.1	6
E	1.2	1.8	. 8	. 1								3.9	5
ESE	•6	. 9	.3	.1								1.9	5
SE	1.2	1.3	. 8	. 2	0							3.5	5
SSE	.7	1.1	1.0	.2								3.0	6
\$	1.1	2.4	3.2	1.1	. 1							8.0	7
ssw	9	1.6	1.1	.3								3.9	5
sw_	•6	1.4	.3		•							2.2	-4
WSW	.7	. 5	.3	.0	0							1.5	_4
W	. 5	7	2		- 1				L			1.5	. 5
WNW	. 4	.4	. 3	.0								1.1	. 5
NV/	1.0	. 8	6	.1		<u> </u>						2.7	5
NNW	2.6	3.8	1.2	.5								8.2	5
VARBL						L							
CALM	\times	\mathbb{X}	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	23.7	
	19-3	28.3	20.3	7.7	1.7	1,1						100.0	4

RANCOLPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

								8 (L.S.					
	_				CON	DITION							
				· · · · · · · · · · · · · · · · · · ·									
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	M Si
N	.6	1.1	2.0	1.6	.4	.1						5.7	
NNE	•7	1.7	2.8	2.0	•7	. 1						7,9	
NE	1.2	2.2	4.0	3.4	.6							11.4	
ENE	1.1	2.4	3.7	2.2	.3							9.6	
E	1.1	3.8	2.6	.7	. 1							8.5	
ESE	. 8	2.0	1.3	.3	.0							4.4	
SE	1.0	2.4	1.9	.4								5.7	
SSE -	1.0	1.9	2.2	1.1	- 1							5.1	
\$	1.2	3.9	5.4	4.0	. 2							14.7	
SSW		242	3.5	1.2		L						8.1	
sw	. 7	1.5	1.3	2								3.7	_
wsw	4	. 8	.7	-3	<u> </u>			<u> </u>				2:2	
w	. 4	. 7	. 4									1.4	
WNW	2	.3	4	.0								1.0	<u> </u>
NW	1	.3	2	-1	ļ					ļ			
NNW		.3	3.	.3	.0					L		1.7	_
VARSL				Ļ	ļ	Ļ,		ļ					
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7.1	
	11.7	27.5	33.3	17.7	2.6	.1						100.0	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN ANTONIO	38.40-74	SEP MONTH
		EATHER EASI	1200-1400 HOURS (LIST.)
	COI	MOLTION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	.7	1.1	1.8	1.8	.1	. 1	.1	• 0				5.7	9.4
NNE	• 5	1.0	2.7	2.4	6	. 1						7.2	10.3
NE	.8	2.3	4.5	3,5	.6	-1	.0					11.7	9.6
ENE	.8	2.5	4.5	2.5	.3	.0				<u> </u>		10.7	8,7
E	.9		4.1	1.0	. 2							9.4	7.3
ESE	.8	2.0	2.4	•7								5.9	7.0
SE	1.2	3.1	2.3	1.3	1							8.4	7.2
SSE	Lel	2.7	3.6	1.7	1	0						9.2	7.6
5	101	3,4	5.6	3.4							ļ	13.7	8.6
SSW	- 9	1.4	2.6	1.2	1			0				6.3	8.2
sw	.5	1.0	1.1	. 2	1						<u> </u>	2.8	6.7
WSW	.2	5	3	2								141	6.7
w	•6	. 5	3									1.5	4.6
W1.W	2	. 2	1		•0							.5	4.9
NW	. 3	.3	- 2	.0						ļ		- 8	5.4
NNW	•2	2	.4	3						ļ	<u> </u>	1.1	8.8
VARBL													
CALM	$\geq \leq$	$\langle \langle$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.9	
	10.7	25.6	36.8	20.1	2.3	. 4	.1	. 1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 3232

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN ANTUNIC	38,40-74.	SEP
	ALL W	EATHER	1500=1700 HOURS (L.S.T.)
	co	MPITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.3	1.0	1.8	1.4	. 3	.1	.0					4.9	9.9
NNE	•4	. 8	3.1	2.4	• 4							7.2	10.0
NE	. 8	2.1	3,8	3.0	,6	. 3						10.5	9.6
ENE	.5	2.4	5.5	2.9	.4	• 0						11.6	9.0
E	1.1	3,2	5.6	1.7	. 1	- 1		<u> </u>				11.7	7.7
ESE	.9	1.9	3.4	1.6	.2	1				<u> </u>		8.1	8.6
SE	.9	3.7	4.8	2.8	. 2	1				<u> </u>		12.4	8.3
SSE	.7	2.6	406	3.1	2				<u> </u>	<u> </u>		11.3	8.8
<u> </u>	-7	2.4	4.6	1.8	. 3	0			ļ			9.8	8.5
SSW	.4	. 8	1.3	.5	1					<u> </u>		3.2	8.0
sw	.3	.7	.6	.3						<u> </u>		1.8	6.7
WSW	-1	•6	.2	.0			ļ		ļ	<u> </u>	<u> </u>	. 9	5.4
W	•2	• 4	.2	.0							<u> </u>	.8	5.4
WNW	2								ļ	ļ	<u> </u>	.2	3.3
NW	1	. 2	2						<u> </u>	<u> </u>	<u> </u>	5	7.3
NNW	.2	.3		-2						ļ		_1.2_	7.8
VARBL									ļ	Ļ		 	
CALM	$\geq \leq$	\gg	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.7	
	7.9	23.0	40.1	21.7	2.9	. 7			<u> </u>			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 3228

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDCLPH AFB	TEXAS/SAN	ANTONIO	38.40-74	YEARS	SEP MONTH
	*****			EATHER		1800=2000 HOURR (L.S.T.)
			cor	MOITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 7	1.1	1.1	•6	.3	1	•1					4.0	8.5
NNE	• 6	1.6	2.2	1.3	.2	.0						5.9	8.5
NE	1.5	3,3	3.3	1.7	. 2	.0				·		10.1	7.5
ENE	1.4	2.8	2.3	• 9	. 2	.0		1				7.6	6.8
Ę	1.6	4.3	3.5	.9	. 1							10.7	6.5
ESE	1.8	4.0	4.3	1.9	. 1	.0						12.1	7.2
SE	1.7	5,5	7.5	4.8	. 2	.0			T			19.8	8.2
SSE	1.0	2.9	4.0	2.8	. 3	.0						11.0	8.6
5	. 8	1.6	1.8	.6	.1							5.0	7.0
SSW	.4	.3	4	. 3	.1							1.5	7.
sw	.2	.3	.i	.2								.7	7.1
WSW	•0	. 1	0	.1								. 2	7.3
W	1	•1	.1		.0							.4	5.8
WNW	1	2	.0	.0								• 3	5.3
NW	- 1	.0	.1	.1	.0]			.3	7.7
HNW	. 3		.2	.2	1							1.0	6.9
VARBL													
CALM	\times	><			><	$\geq <$		$\geq <$	$\geq \leq$	$\geq <$		9.4	
	12.6	28.4	31.0	16.2	2.0	.2	1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{form}}{\text{JUL }64}$ 0-8-5 (OL-A) previous editions of this form are obsolete

NNW

CALM

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38,40-74

STATION			BIATION	HARE					1	TEARS			•	ONIN
		_				ALL WE							2100	-2300
						Ci	LASS						Hons	(C.S.T.)
		_				CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	વ્ય ∙ 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.3	2.6	1.1	•6	.1	.0	.1					5.9	6.5
	NNE	1.2	1.8	2.0	.9	.2	•1						6.3	7.6
	NE	1.9	3.1	2.7	1.6	. 2		•0					9.5	7.1
	ENE	1.2	1.8	1.2	•6	.1				T	1		4.9	6.5
•	E	1.7	2.8	1.8	•4								6.7	5.7
	ESE	1.3	2.7	2.0	• 5	• 1					i		6.5	6.1
	,SE	1.6	4.5	5.1	1.9	. 1							13.3	7.2
	SSE	1.0	4.5	6.3	3.8	.0				T			15.6	8.2
	S	1.3	2,5	3.2	1.1	.0							8.1	7.2
	SSW	.3	• 5	.4	•2	.0				T			1.5	7.0
	sw	.2	•2	.3	.2					1	 		.9	7.5
	WSW	.1	•3	.1						<u> </u>			.5	5.1
	W	.2	.1	0	•0								.4	4.4
	WNW	.1	.1	0						<u> </u>			•2	4.0
	NW	.2	- 3	.1			1				1		-6	4.5

TOTAL NUMBER OF OBSERVATIONS 3251

16.5

100.0

SURFACE WINDS

PERCENTÁGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDO	LPH AFE	TEXA		ANTONI	0	38-	74	 ,	YEARS				C T
						ALL WE	ATHER	 .		·				-0200
						CON	DITION				·····			
	SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
ļ	N	2.4	4.3	3,0		.3	1						11.4	6.8

£.	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	2.4	4.3	3.0	1.3	.3	1						11.4	6.8
	NNE	1.3	2.8	2.3	1.2	,3	.0						7.8	7.5
0	NE	1.0	2,3	2,3	.6	-1	<u> </u>						6.2	6.3
2	ENE	.7	1.2	1.2	.1	.0	<u> </u>					<u> </u>	3.3	6.1
<u> </u>	E	.9	1.4	•6	-1								3.0	5,1
(O)(4)	ESE	.9	•6	•6	• 1								2.1	400
医中国共活动	SE	1.0	1.8	1.7	•4	0.0							5.0	6.4
は複数金数が	SSE	1_101	1.9	3.6	1.2								7.8	7.4
	\$	1.9	4.1	4.1	1.1	.0				<u> </u>	<u> </u>		11.2	6.6
55 T. S. C. C. C. C. C. C. C. C. C. C. C. C. C.	SSW	1.4	1.2	•7	-1								3.4	4.9
	· sw	.8	1.4	.7	.0	ļ	<u> </u>				ļ		2.9	4.9
is Office and the second	WSW	.8		.4	1 1					ļ	<u> </u>		1.6	5.0
	· W	.4	.4	- 4						ļ	ļ		1.2	5.5
	. WNW	.3	. 5	1	-1	<u> </u>			<u> </u>	ļ			1.0	4.8
(AD) Francisco	·, NW	1.0	1.2	. 5		ļ				ļ	<u> </u>		2.9	5,3
	NNW	2.3	4.1	. 9	.3	.2			ļ	<u> </u>			7.7	5.2
	· YARBL	ļ		ļ		ļ				ļ	Ļ			
0	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	21.1	
0 0 0		18.1	29.8	23.0	6.9	9	.2	<u> </u>					100.0	5.0
0										TOTAL NU	MRED OF OR	REPVATIONS		

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB	TEXAS/SAN	ANTONIO	38-74	YEARS	DCT MONTH
3 14144		51A110W H-1-2			1242	
			ALL	WEATHER		0300-0500
				CLASS		HOURS (L.S.T.)
				CONDITION	· · · · · · · · · · · · · · · · · · ·	_
						

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	4.6	2.9	1.6	. 3	1						12.7	6.5
NNE	1.5	2.4	2.9	1.5	• 2	• 1						8.7	7.8
NE	1.5	1.9	2.1	.8	. 1	•1						6.6	6,9
ENE	, 9	1.1	1.2	. 1		0						3.4	5,8
E	. 8	1.0	.4	•1	.0							2.3	5.0
ESE	. 3	5	.5									1.3	5.4
SE	9	1.6	1.1	.1								3.7	5.5
SSE	.4	1.4	2.0	.3		0						4.2	7.0
S	1.6	2.2	3.7	. 8								8.3	6.8
SSW	.8	. 9	. 8	• 1								2.7	5.3
sw	.7	1.2	. 5	.0								2.4	5.0
wsw	. 4	. 7	. 5									1.6	5.3
w	3	1.0	.4	.0								2.3	4.7
WNW	.5	.4	• 2	•0	•						l	1.1	4.9
NW	1.6	1.4	.7	.2								3.9	4.9
NNW	3.5	.6.5	1.7	. 5	.0	0						12.3	5.0
VARBL													
CALM	$\geq \leq$	\ge	\geq	$\geq \leq$	$\ge $	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq		22.7	
	19.7	28.8	21.6	6.1	.7	.4						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

WNW

NNW VARBL

CALM

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(}

1.3

RANDOLPH AFR TEXAS/SAN ANTONIO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

38-74

				ALL WE	ATHER			<u> </u>			0600 HOUR)=08 :s (L.s.
_				CON	DITION							
1 - 3	4 - 6	7 - 10	11 - 16	17 - 2*	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M W SF
3.4	4.8	3.4	1.8	.3							13.8	
1.9	3.0	3.0	1.9		.1						10.1	
1.4		3.2	1.1	•2	.0						8.6	
1.0		1.3	•3	•0							4.1	
1.1	1.4	. 8	•1	• 0							3.4	\Box
.6	.6	. 5									1.8	
.9	1.3	1.2	•1								3.5	
.5	1.3	1.7	.3								3.8	
9	2.5	3.4	.6								7.3	
•6	1.4	1.3	.2								3.5	
	•7										1.7	
	3.4 1.9 1.4 1.0 1.1 .6 .9	3.4 4.8 1.9 3.0 1.4 2.8 1.0 1.5 1.1 1.4 .6 .6 .9 1.3 .5 1.3	3.4 4.8 3.4 1.9 3.0 3.0 1.4 2.8 3.2 1.0 1.5 1.3 1.1 1.4 8 .6 .6 .5 .9 1.3 1.2 .5 1.3 1.7	1.3 4.6 7.10 11.16 3.4 4.8 3.4 1.8 1.9 3.0 3.0 1.9 1.4 2.8 3.2 1.1 1.0 1.5 1.3 .3 1.1 1.4 .8 .1 .6 .6 .5 .1 .9 1.3 1.2 .1 .5 1.3 1.7 .3 .9 2.5 3.4 .6	1.3 4.6 7.10 11.16 17.2. 3.4 4.8 3.4 1.8 .3 1.9 3.0 3.0 1.9 .2 1.4 2.8 3.2 1.1 .2 1.0 1.5 1.3 .3 .0 1.1 1.4 .8 .1 .0 .6 .6 .5 .1 .9 1.3 1.2 .1 .5 1.3 1.7 .3 .9 2.5 3.4 .6	3.4 4.8 3.4 1.8 .3 .1 1.9 3.0 3.0 1.9 .2 .1 1.4 2.8 3.2 1.1 .2 .0 1.0 1.5 1.3 .3 .0 1.1 1.4 .8 .1 .0 .6 .6 .5 .1 .9 1.3 1.2 .1 .5 1.3 1.7 .3 .9 2.5 3.4 .6	CLASS CONDITION 1.3 4.6 7.10 11.16 17.2. 22.27 28.33 3.4 4.8 3.4 1.8 .3 .1 1.9 3.0 3.0 1.9 .2 .1 1.4 2.8 3.2 1.1 .2 .0 1.0 1.5 1.3 .3 .0 .0 1.1 1.4 .8 .1 .0 .6 .6 .5 .1 .9 1.3 1.2 .1 .5 1.3 1.7 .3 .9 2.5 3.4 .6	CONDITION 1.3 4.6 7.10 11.16 17.2. 22.27 28.33 34.40 3.4 4.8 3.4 1.8 .3 .1 1.9 3.0 3.0 1.9 .2 .1 1.4 2.8 3.2 1.1 .2 .0 1.0 1.5 1.3 .3 .0 .0 1.1 1.4 .8 .1 .0 .6 .6 .5 .1 .9 1.3 1.2 .1 .5 1.3 1.7 .3 .9 2.5 3.4 .6	COMPITION 1.3 4.6 7.10 11.16 17.2 22.27 28.33 34.40 41.47 3.4 4.8 3.4 1.8 .3 .1 1.9 3.0 3.0 1.9 .2 .1 1.4 2.8 3.2 1.1 .2 .0 1.0 1.5 1.3 .3 .0 .0 1.1 1.4 .8 .1 .0 .6 .6 .5 .1 .9 1.3 1.2 .1 .5 1.3 1.7 .3 .9 2.5 3.4 .6	CONDITION 1.3	COMPITION 1 · 3	CONDITION 1.3 4.6 7.10 11.16 17.2. 22.27 28.33 34.40 41.47 48.55 ≥56 % 3.4 4.8 3.4 1.8 3.3 1.1 1.9 3.0 3.0 1.9 0.2 0.1 1.4 2.8 3.2 1.1 0.2 0.0 0.0 0.1 0.5 1.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0

TOTAL NUMBER OF OBSERVATIONS 3413

19.3

NNW

CALM

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RANDOLPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FF.OM HOURLY OBSERVATIONS)

	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	:56	*	MEAN WIND SPEED
N	.6	.9	1.9	2.5	.6	• 2			——			6.7	10.5
NNE	.6	1.6	3.0	2.7	• 3	•1						8.3	9,6
NE	1.3	2.2	3.6	2.7	.4	.1						10.3	8.6
ENE	.9	2.2	3.1	1.2	.3							7.7	7.8
ε	1.2	2.8	2.4	• 3								6.7	6.0
ESE	.9	1.5	1.4	• 2								4.0	6.1
SE	.8	2.1	2.0	6								5.4	6.8
SSE	•7	2.0	3.2	1.7								7.6	8.1
\$	1.1	2.9	6.5	3.7	•4							14.5	8.8
SSW	•7	1.8	3.8	2.3	.1							8.7	8.6
sw	•7	1.9	2.2	.5	•0							5.3	6.8
wsw	.4	. 8	. 5	•1								1.8	5.9
w	.2	.5	. 4	.1								1.2	6.1
WNW	.3	.3	.1	.1								٩	

TOTAL NUMBER OF OBSERVATIONS 3416

7.3

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE COSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN_ANTONIO	38=74 YEAFS	OCT
	ALL W	EATHER	1200-1400 HOURE (L.S.T.)
	co	MDIT,GN	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	.9	2.4	2.0	.6.	. 1	• 1					6.5	10.7
NNE	•6	1.3	2.9	2.0	.3	0						7.1	9.1
NE	.8	2.2	3,8	1.5	• 1	. 1						8.4	8.0
ENE	•6	1.9	3.4	1.1	. 1	1						7.2	8.2
E	1.5	2.0	2.6	•6	.1							6.8	6.5
ESE	1.0	1.5	1.9	.8	• 1							5.4	7.1
SE	. 9	2.0	3.0	.9	•0							6.9	7.4
SSE	1.2	2.7	4.4	2.3	.2							10.8	8.3
\$	1.2	3.4	6.2	4.2	• 2							15.2	8.7
SSW	1.1	2.0	4.3	1.6	•0							9.0	8.0
sw	• 6	1.1	2.2	. 2	-1							4.3	7.3
wsw	.3	6	1.0	.0								2.0	6.4
w	. 6	3	.3	.1	. 1							1.3	5.6
WNW	. 1	.4	. 3	•0	. 0							.9	6.1
NW	.3	.3	.4	.1	. 2							1.2	8.3
NNW	, E	. 3	.6	. 9	•.2							2.5	9.4
VARBL			L	L									
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	4.6	
	11.8	23.1	39.7	18.2	2.3	. 3	1					100-0	7.8

TOTAL NUMBER OF OBSERVATIONS 3412

0

RANDOLPH AFG TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL NUMBER OF DESERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL WI	ATHER						HOUR	S (L.)
					сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	Š
N	.3	1.2	2.4	2.4	.6	.1						7.0	
NNE	.6	1.8	2.6	1.7	. 2	• 1						6.9	
NE	,9	2.1	3.8	1.0	• 1	•						8.0	
ENE	.6	1.6	3.6	.9	.1							6.8	
ŧ	1.3	2.6	2.9	.6	.1.							7.4	
ESE	9	2.3	2.6	. 5	. 2	. 0						6.5	L
SE	1.1	3.4	4.9	2.7	. 2	.0						12.3	
SSE	1.0	2.7	5.7	2.6	. 2							12.3	L
S	1.2	3.7	6.5	3.1								14.6	L
SSW	4	1.2	2.0	•6								4.2	L
sw	•4	. 8	1.1	2	• 0							2.5	L
WSW	.3	. 5	.4						<u> </u>			1.2	L
W	-2	4	2	1								-8	L
WNW	1	-2										5	L
NW	1	3	5	.2								101	Ļ
NNW	.3	5_	1.0	. 6	. 3		ļ					2.6	L
VARBL		Ļ	Ļ,	Ļ	L		Ļ	Ļ	Ļ	Ļ	ļ		L
CALM		><					> <			I><		5.2	1

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN ANTONIO	38-74 YEARS	OCT MONTH
ETATION	ALL WE	ATHER	1800-2000
			noons (c.s.;.)
	соив	ITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	2.5	1.5	1.1	•1	.1						6.3	7.3
NNE	1.3	2.5	1.8	8	.1	.0						6.5	6.7
NE	1.6	2.9	2.4	•7	• 1							7.7	6.4
ENE	1.6	2.2	1.7	• 4	.1							5.9	5.8
E	2.1	2.9	2.1	•2								7.5	5.4
ESE	1.6	2.9	2.6	1.0	.1							8.2	6,6
SE	1.8	5.9	6.7	3.4	.2		i					18.0	7.7
SSE	1.4	3.4	4.6	2.8	• 1		T			<u> </u>		12.3	8.0
S	1.6	3.2	2.6	.5			T				1	7.9	6.1
SSW	• 5	.8	5	•1							T	1.9	5.4
sw	.5	•2	.2	•0			i					1.0	4.8
wsw	•1	1	•1	•0								•2	5.9
w	11	.3	.1	J					1			.5	4.5
WNW	•1	.1	.1	Ì								.4	4.4
NW	.5	.5	. 2	•1		.0						1.3	6.1
NNW	•7		•7	•1		.1	- 1					2.7	6.6
VARBL	├ <i>─-</i> <u>*</u>						 -						
CALM		> <	>>	$\geq <$	> <	\times	\times	\boxtimes	\geq	\geq	\geq	12.0	
	16.5	31.5	27.7	11.2	•7	. 2	•1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

0

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB TEXAS/SAN ANTONIO	38≈74	OCT BOOTH
		EATHER CLASS	2100-2300 HOURS (LE.T.)
	Со	NOTION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	3.6	2.3	.7	. 3	.1	•1	•0				9.4	6.7
NNE	1.3	2.2	2.1	1.1								7.0	7.5
NE	1.5	2.0	2.3	• 8	•0						I	6.6	6.6
ENE	•7	1.7	1.0	2	• 1						l	3,7	6.1
E	1.0	1.7	1.1								<u> </u>	4.0	5.5
ESE	.8	. 8	1.4	•1	.0							302	0.3
\$E	1.5	3.0	5.8	2.0								12.4	7.6
SSE	1.5	3.8	8.1	2.4	.0	1				L		15.9	7.8
\$	1.4	3.7	4.4	1.2								10.6	6.9
SSW	. 5	. 8	. 4	.1								1.9	5.3
SW	.3	.,6	. 2	•1								1.2	3.5
WSW	.1	.2	1	•0								.4	5.1
w	i	-1	.0									.3	3.8
WNW	2	. 1	1			0						. 6,	5.8
NW	.7	9	5								L	2-3	5.3
WMM	1.8	2.7	. 8	• 2	1	-0						5.7	5.2
VARBL		•											
CALM	\times	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	15.0	
	15.9	28.0	30.7	9.2	. 7			٥				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3420

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH	AFR T	EXAS/SAL	ANTON	10	38	-74		YEARS			V O
				· · · · · · · · · · · · · · · · · · ·	ALL	WEATHER CLASS						0200 (L.S.T.)
			STATION HAVE YEARS ALL WEATHER									
											 	<i></i>
	CORED	ı		1	i	ł	1	1	l	1	ii .	MEIN

SPEED (KNTS) GIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1,7	4,1	3.9	2.2	.8	. 2						12.8	8.3
NNE	1.3	3.1	3.4	2.0	.7	•4	•0					10.9	8.9
,1E	1.1	1.7	2.7	1.0	. 1	. 1						6.5	7.6
ENE	.5	. 8	• 7	•2								2.2	6.2
E	6	.7	• 3	•0	•							1.6	5.0
ESE	, 5	. 5	. 2	- 1				L		L		1.3	5.2
SE	.7	1.2	1.2	. 3								3.4	6.4
SSE	. 5	2.3	2.4	1.1	.0	.0				I		6.4	7.6
\$	1.3	2.9	3.7	1.6	.1							10.1	7.1
ssw	1.3	1.7	1.0	-6								4.6	5.9
SW	. 8	1.7	, 8	• 1								3,5	5.3
WSW	.7	9	• 4									2.0	4.8
w	,7	1.0	3	. 1								2.1	4.8
WNW	.5	• 5	. 4	. 1								1.4	5.5
NW	1.2	1.8	. 8	.3	.0							4.3	5.7
NNW	2.0	5,2	2.2	•7	.3	.1		.0	i			10.6	6.5
VARBL										i			
CALM	\times	\times	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	\geq	$\geq \leq$	16.3	
	15.9	30.0	24.3	10.4	2.1	. 8	.0	ú				100.0	5.9

RANDOLPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		2.2										_	
	_				ALL ME	ATHER						0300	-0
					•	(A. 100)							, (L.).
	_					BITION							
					COM	er: wa							
	_												
SPEED													
(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	S
N	1.9	4.7	4.5	2.7	.9	.3						15.0	
NNE	1.1	3.2	3.7	2.3	8.	.5	• 1	•0				11.6	
NE	1.1	1.9	2.4	1.5	.1	.0						7.1	
ENE	.5	•6	.5	• 3	. 1							1.9	
E	.4	•6	•2	•1								1.3	
ESE	.1	. 5	.1									.7	
SE	• 7	. 8	. 3	• i								2.3	
SSE	.4	1.5	1.2	.8	.0							4.0	
\$	1.4	2.1	2.8	1.5	.1	. 3						7.8	
SSW	1.1	1.5	1.0	.6	.0							4.3	
SW	. 3	1.5	. 9	•2								3.4	
WSW	.8	1.1	.4	.1								2.4	
w_	1.0	1.1	.2	.1		I						2.4	
WIW	.7	. 8	. 3			1			1			1.8	
NW	2.0	2.3	1.3	-1	.1							5.6	L
NNW	2.4	5.6	2.0	. 9	-4	2	.0					11.4	
VARSL	i .										<u> </u>	1	L
CALM		><		$\supset <$	$\supset <$	><	> <	> <	> <	$\supset <$	$\supset \subset$	16.7	
******	¥					 			 			*	-

RANDOLPH AFB TEXAS/SAN ANTONIO

SURFACE WINDS

TOTAL HUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COR	DITION							
SPEED (%24TS) 7th.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	
×	2.5	5.2	4.0	2.8	. 8	.4	. 0					15.8	
NI _V S	1.5	3,4	3.9	3,5	1.0	. 6	्					13.8	
NE	, 9	2.1	2.4	1.7	.2							7.2	
ENE	. 5	1.0	•7	•4	-1							2.7	
£	. 8	. 8	. 2	•0								1.8	
ESE	.3	.3	3	•								1.0	
SE	• 7	.6	9	.1								2.3	
SSE	• 4	, 9	1.1	• 6	.1							7.0	
5	. 9	2.0	2.8	. 9	. 1	1						6.8	
SSW	. 8	1.6	1.2	• 5	-0							4.1	
sw	. 6	1.9	1.0	. 1								3.6	
WSW	•7	• 7	. 8	•0	•0							2.2	
w	• 7	1.1	. 5	. 2								2.6	
WNW	. 6	. 9	. 4									1.9	_
NW	1,2	1.4	1.1	. 2	.0	0						4.0	<u>_</u>
NNW	2.1	5.4	2.1	. 9	.4							10.9	
VARBL													
CALM	\geq	\geq	><	$\geq <$	$\geq <$	$\triangleright <$	><		$\geq <$	><	$\geq \leq$	16.5	
	14.9	29.3	22.4	12.1	2.6	1 2	. :					100-0	Γ

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RANDOLPH AFB TEXAS/SAN ANTONIC 23-74

			STATIO	RRAME					1	TEGRE				HOATK
					n	ALL WE	ATHER						0900	=1100 s (L.s.v.)
		_				CON	DITION							
ĺ	SPEED (KNYS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	И	.7	1.4	2.9	4.1	1.1	.6	•1		 			10.7	11.6
	NNE	.5	1.7	3.9	4.3	1.8	. 6	.0					13.0	11.7
Ì	NE	• 5	2.3	3.4	2.4	.5	. 2						9.1	9.5
ı	ENE	.7	1.9	3.0	. 8	.1	.0						6.4	7.6
Į	E	•7	2.1	1.4	• 2								4.4	5.8
1	ESE	.4	.6	.6	•1	•0							1.7	6.2
ĺ	SE	.5	1.1	.6	• 6	.0							2.9	7.1
	SSE	.5	. 8	1.2	1.4	3							4.1	9.4
l	\$	1.0	2.3	4.5	4.6	.5	.0	• 1					13.1	9.6
1	SSW	. 5	2.3	3.9	2.7	.4	. 2						9.9	9.2
ı	sw	.6	1.4	2.2	1.1								5.4	8.2
	WSW	.4	8.	101	.2								2.6	6.9
I	w	-2	.7	8	1								1.9	7.1
Ì	WNW	. 3	.2	.4	.2				 					7.5
ı	NW	. 3	.3	.7	.3	2_				ļ			1.7	8.6
	NNW	,5	.5	1.7	1.6	.6	3_		ļ	<u> </u>			5.2	11.4
-	VARBL				ļ	Ļ				Ļ	<u></u>			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.6	
ı		i			1	l	l	!	l	1				

TOTAL NUMBER OF OBSERVATIONS 3316

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH A	FB TEXAS/SAN ANT	GING	. 38=74	YEARS		NOV HONTH
			ALL VIE	ATHER		-	1200-1400 HOURS (L.S.T.)
			сонр	ITION		-	
						-	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	.5	1.1	3.1	3.6	1.1	. 4						9.9	11.6
NNE	,4	1.2	3.4	3.8	1.0	1						9.9	11.2
NE	1.0	1.2	3.3	2.3	•5	•0						8.3	9.3
ENE	• 5	2.1	2.5	•6	. 1							5.8	7.3
E	. 51	1.5	1.3	. 2								3.5	6.2
ESE	• 6	1.0	. 5	,1								2.2	5.3
SE	.5	1.2	1.4	.5	.0							3.5	7.3
SSE	. 4	1.1	2.1	2.0	.4	.2						6.3	10.2
5	1.1	2.4	6.2	5,9	8	0	Ü					16.5	9.9
\$5W	.5	1.7	4.7	3.2	.5	1						10.7	9.7
SW	• 4	1.3	2.7	1.1	.2							5.7	8.6
WSW		. 9	1.5	. 3								3.0	7.3
w	. 5	7	9	. 3	1							2.4	7.2
WNW	. 2	. 3	4	. 5	- 1			l				1.5	9.8
NW	. 2	.6	. 8	•7								2.4	9.1
NNW	.3	.5	1.3	1.3	. 8	1	.1	1				4.4	12.2
VARBL													
CALM	$\geq \leq$	\times	$\geq \leq$	\times	$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.8	
	7.9	18.8	36.0	26.7	5.7	1.0	1	i				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 3317

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

ALL WEATHER												1500-1" HOURS (L.S.			
	_														
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	ME WI SPI		
N	.6	.9	3.4	3.3	1.0	• 2	•0					9.4	11		
NNE	, 5	1.3	3.3	3.2	.7	2						9.1	10		
NE	• 6	1,5	3,3	1.6	. 2							7.3	8		
ENE	, 9	1.6	1.9	•6	. 1							5.1			
E	1.1	2.0	1.7	. 2	.1							5.1	£		
ESE	.7	1.1	. 8	. 3								2.9	6		
SE	.6	1.6	1.6	1.5	.1							5.4			
SSE	•71	2.0	3.0	2.3	.5	.0						9.0	9		
\$	1.1	3,0	6.1	3.8	.4	0						14.4	8		
S5W	,9	2.5	4.0	2.0	. 2							9.6			
sw	•7	1.7	1.9	. 5	-1				<u> </u>			4.8			
wsw	• 2	.7	8.	• 2	.0							1.9			
w	. 5	. 8	. 5	. 2	0							2.1	<u></u> 5		
WNW	1	.2	.3	.4					ļ		<u> </u>	1.2	1.2		
NW	•3	.4	.9		2				<u> </u>	<u> </u>		2.6			
NNW	.2	.6	1.4	1.7		1	0					4.9	ىدا		
VARBL										<u> </u>	Ļ,				
CALM	$\geq \leq$	$> \leq$	>>	\times	\times	$\geq \leq$	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.2			
	9.6	22.1	35.2	23.0	4.2	.7	.1		1			100.0	7		

USAFETAC FORM 0-8-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

سواند تاستشهردند

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KAND	STATION HAME 76ARS										<u> </u>	ONT	
ALL WFATHER CLASS CONDITION												1800 HOUR	(t
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥56	%	
N	.8	3.0	3.0	1.8	. 8	. 1	•0					9.6	Γ
NNE	1.1	2.2	2.5	1.9	. 5	.1						8.4	
NE	1.2	2.4	3.3	iel	1							8.1	
ENE	.7	2.3	1.4	• 2	.1							4.6	
E	1.2	1.8	. 8	• 1	. 1							3.9	
ESE	.7	1.4	. 8	.3	0							3.2	
SE	1.2	2.7	3.9	2.4	. 1	0						10.3	
SSE	1.5	3.1	3.9	2.3	. 2							11.0	
s	2.2	4.1	1.7	.4					<u> </u>			8.5	L
SSW	1.4	2.3	. 8	1	.0					<u> </u>		4.6	L
sw	6 و	1.1	8.									2.6	L
WSW	.3		2		ļ	<u></u>				ļ		1.0	_
W	- 4	5	2_							ļ		1.2	_
WNW	.2	.3	- 2					<u> </u>		<u> </u>		- 8	L
NW	5	1.0	9	2		<u> </u>						2.5	L
NNW	1.1	1.7	1.5	-6	3	-1						5.3	L
VARBL			<u> </u>					<u> </u>	Ļ.,	Ļ			
CALM		><	><	><	><	<u> </u>		><	$\triangleright <$	><		14.4	
	15.1	30.2	25.0	11.6	2.2	. 4	.1					100 a C	Ī

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RAND	OLPH AF	AFB TEXAS/SAN ANTONIO 38-74 STATION NAME YEARS											NOV MONTH		
					ALL AS	ATHER						2100	-2300 • (L.s.T.)		
						DITION						10023	3 (b:3:T:J		
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED		
N	1.4	3.1	2.6	1.8	.7	.3				1		9.9	8.7		
NNE	1.2	2.8	3.4	2.5	• 5	.3	• 1					10.8	9.1		
NE	1.3	2.5	2.9	1.0	.1							7.7	7.0		
ENE	8	1.2	1.1	.4	•0							3.4	6.3		
E	, 9	•7	. 3	•].	• 0							2.0	4.6		
ESE	.5	.5	. 5	. 3	.0							1.9	6.9		
SE	1.0	2.1	3.0	•9								7.0	7.2		
SSE	. 9	2.8	5.2	2.9	. 2							12.1	8.5		
S	1.4	3.9	3.3	.9	.1							9.6	6.7		
ssw	.6	1.5	. 8	.2		L				<u> </u>		3.1	5.9		
SW	.5	1.0	5	• 1								2.0	5.2		
WSW	.4	.3	. 2						<u></u>	<u></u>		1.0	4.7		
W	.3	8.	. 3									1.4	5.2		
WNW	.5	.5	. 3							<u> </u>		1.3	4.7		
NW	.7	1.8	1.3	0	.0							3.9	6.1		
NNW	1.2	3.7	1.7	.5							L	7.2	6.3		
VARBL															
CALM	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	15.8			
	12 4	20.2	27 2	11 5	1 0	-	1					100 0	4.1		

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	RAND	ANULLEPH APB LEXAS/SAN ANTUNIU 58-74 STATION NAME YEARS										DEC MONTH					
		ALL WEATHER CLASS COMMITTEE												0000-0200 HOURS (L.S.T.)			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED			
	N	1.6	4.6	4.1	2.3	•7	3						13.7	8.3			
	NNE	1.2	2.2	3.6	2.3	.6	.2						10.1	9.1			
	NE	.8	2.3	2.2	1.1	1							6,4	7.4			
	ENE	• 4	• 9	.7	• 2								2.1	6.2			
	E	•6	. 8	. 3	• 1								1.7	5.2			
	ESE	.3	. 2	. 3	.1								- 9	6.0			
	SE	. 4	• 7	.9	. 1		• 0						2.2	6.8			
	SSE	.8	.9	1.7	.7	1							4.1	7.5			
	5	1.4	2.5	2.7	1.0	. 1							7.7	7.0			
	SSW	1.2	2.3	1.7	.3								5.4	5.9			
	sw	1.3	2.3	1.2	• 0						<u> </u>		4.8	5.2			
	WSW	.9	1.5	.7									3.2	5.4			
	w	.9	1.1	1.0	.3								3.3	5.9			
	WNW	,6	• 6	. 8	• 3	•							2.4	6.6			

TOTAL NUMBER OF OBSERVATIONS 3420

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RAND	OLPH AF	B TEXA	S/SAN	<u>ANTON1</u>	0	38-	74		rears				EC.
		_				ALL NE	ATHER				_		0300 HOURS	→0500 (Ls T.)
		_				сон	DITION			_				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.9	4.2	4,8	2.9	1.0	3	1					15.2	8.9
	NNE	1.6	2.2	3.8	2.7	• 5	•0						10.7	8,7
	NE	1.2	2.1	2.3	. 8	.1							6.6	7.1
	ENE	8.	• 9	. 8	• 3								2.7	6.3
	E	•6	• 6	• 2	•1								1.4	5.0
	ESE	• 2	• 2	.1	• 0								• 6	5.1
	SE	. 3	.4	.5									1.3	6.2
	SSE	• 5	1.1	•7	•6								2.8	7.1
	S	• 5	2.0	2.0	•7	. 1							5.4	7.6
	ssw	.7	1.5	1.0									3.4	5.8
	sw	1.6	2.4	1.3	1					<u> </u>			5.5	5.1
	WSW	1.1	1.3	1.1		.0							3.5	5.4
	w	1.2	1.6	. 8	3								3.9	5.5
	WNW	۶	. 9	.6	.2	0	-0	<u> </u>		<u> </u>			2.6	5.9
	NW	1.5	2.4	1.3	.4	1	1	1		<u> </u>			5.9	6.7
	NNW	2.5	3.9	2.5	- 9	4	1						10.2	6.6
	VARBL				,			Ļ,		Ļ				
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	18.1	
	•	1)			1				1		1			

USAFETAC $_{
m AUL~64}^{
m FORM}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911 STATION	RANDOLPH AFB	TEXAS/SAIN	ANTONIO	38-74	YEARS	OEC MONTH
			AJ.L	WEATHER CLASS		060-3800 Notes (L.S.Y.)
				COMDITION		-
						-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	5.0	5.1	3.5	1.1	.3	•0					16.7	8.9
NNE	1.3	2.5	4.1	2.6	6	. 1						11.1	8.8
NE	1.0	2.2	2.4	,9	.3	.1						6.8	7.7
ENE	•7	1.1	1.2	. 3	•0]		3.2	5.6
Ε	.6	• 5	,2	•1								1.4	4.7
ESE	• 2	• 2	•2									. 5	5.4
SE	, 3	• 6	• 3	•0							L	1.2	5.7
SSE	.3	1.1	1.1	.4								2.9	6.8
\$.8	1.8	1.9	• 4	Ú							4.9	6.7
SSW	8.	1.3	• 7	• 1								2.9	5.2
SW	1.7	1.9	. 8	• 2								4.7	5.1
wsw	.7	1.8	. 8	.1								3.5	5.5
w	1.2	2.0	1.1	•1		I						4.4	5.2
WNW	ó	7	. 5	• 2	.0							2.0	6.2
NW _	1.3	2.2	1.3	5		.1	. (5.5	6.6
NNW	2.2	3.8	2.6	1.5	. 3	. 2						10.7	7.2
YARBL													
CALM	$\supset <$	$\supset <$	><	><	$\geq <$	><		$\supset <$	$\supset <$			17.6	
	15.4	28.6	24.2	10.9	2.5	•7	.1					100.0	6.0

TOTAL NUMB	ER OF OBSERVATIONS	3420

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRECESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12911	RAND	OLPH AF	B TEXA	S/SAN	ANTONI	0	38-	74	 ,	TEAPS				EC
		_				ALL WE	ATHER						0900 MOUR	-1100 * (L.S.T.)
						CON	PITIOR							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	:4 - 40	41 - 47	48 - 53	≥56	%	MEAN WIND SPEED
	N	1,3	2.2	3.0	4.0	1.7	. 6	.0					12.7	11.1
	NNE	•7	1.7	4.9	3.9	1.2	.1	• 0			İ		12.6	10.5
	NE	.9	2.3	3.7	2.2	• 5	1						9.6	8.9
	ENE	7	1.6	2.7	• 6								5.7	7.2
	E	. 9	1.4	9	•1					i			3.2	5.5
	ESE	_,4	•6	• 5	• 1								1.5	_5,7
	SE	.6	9	. 6	.1								2.2	5.8
	SSE	.3	. 8	1.1	• 6	. ()							2.9	7.9
	\$	1.1	2.0	3.1	2.2	.3							8.7	8.4
	SSW	8.	2.0	3.4	1.4	.1	•0						7.8	8.0
	sw	8	2.0	2.4	1.0	1							6.2	7.5
	WSW	5	1.6	1.6	•4	•0							4.2	6.8
	w	- 6	9	1.0	• 2	.0							2.8	5.4
	WNW	. 2	. 3	. 5	. 3		1						1.4	6.4
	NW	.5	. 8	9	• 7	3	1	•0					3.3	9.3
	NHW	.6	1.2	1.5	1.1	. 8	. 3	1					5.7	10.6
	VARSL													
	CALM	$\geq \leq$	\times	\times	$\geq \leq$	\times	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.4	
		B					I —			1				i —

L'SAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RANDOLPH AFB TEXAS/SAN ANTONIU 38-74

SPEED 1-3		_					ALC: ON						
(KNT5) DIR. 1 · 3 4 · 6 7 · 10 11 · 16 17 · 21 22 · 27 28 · 33 34 · 40 41 · 47 48 · 55 ≥56 % N , 4 1 · 3 3 · 0 3 · 9 1 · 6 .4 .1 10 · 8 NNE .6 1 · 5 3 · 6 3 · 2 .6 .1 9 · 9 NE .6 1 · 5 3 · 4 2 · 2 .2 8 · 8 ENE .6 1 · 5 1 · 9 .9 .9 .0 5 · 9 ESE .4 .5 .7 .1 .1 SSE .5 .8 .5 .2 .1 SSE .5 1 · 3 1 · 7 1 · 1 .1 SSW .3 1 · 8 5 · 4 3 · 4 .5 .0 .1 SSW .3 1 · 8 5 · 4 3 · 4 .5 .0 .1 .1 SW .6 1 · 4 3 · 7 1 · 8 .1 .0 .1 .1 WNSW .4 1 · 0 1 · 2 .8 .0 .0 .3 WNW .3 .4 .7 .7 .4		_			···	COM			· <u> </u>				
NNE	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
NNE	И	.4	1.3	3.0	3.9	1.6	. 4	•1					10.
ENE	NNE	.ć	_ii_>				.1						
E 1.0 2.0 9 .2 4 5.2 1 1 1.0 SE .5 .8 .5 .2 3.7 .2 .1 1 1.0 SSW .5 1.4 3.7 1.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	NE		1.9	3.4		•2							8.
ESE	ENE	.6	1.5	1.9									5.
SE ,5 ,8 ,5 ,2 ,1 SSE ,5 1,3 1,7 1,1 ,1 S ,9 2,4 5,2 3,7 ,2 ,1 SSW ,3 1,8 5,4 3,4 ,5 ,0 SW ,6 1,4 3,7 1,8 ,1 ,0 WSW ,4 1,0 1,2 ,8 ,0 W ,3 ,8 1,2 ,5 ,1 WNW ,1 ,2 ,5 ,6 ,1 ,1 ,0 NNW ,3 ,4 ,7 ,7 ,4 ,2 ,2 NNW ,3 ,6 1,5 1,5 ,6 ,4 ,4 ,2 ,5 CALM ,3 ,6 1,5 1,5 ,6 ,4 ,4 ,2 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,5 ,6 ,4 ,5 ,6 ,4 ,5 ,6 ,4 ,7 ,7 ,4 ,2	E	1.0			• 2								
SSE	ESE		• 5		• 1								
\$.9 2.4 5.2 3.7 .2 .1 12. \$SSW .3 1.8 5.4 3.4 .5 .0 11. \$W .6 1.4 3.7 1.8 .1 .0 7. WSW .4 1.0 1.2 .8 .0 W .3 .8 1.2 .5 .1 WNW .1 .2 .5 .6 .1 .1 .0 1.0 NW .3 .4 .7 .7 .4 .2 NNW .3 .6 1.5 1.5 .6 .4 .5 .5 CALM .5 .6 .4 .5 .5 .6 .6 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5				.5			1						
SSW .3 1.8 5.4 3.4 .5 .0 SW .6 1.4 3.7 1.8 .1 .0 WSW .4 1.0 1.2 .8 .0 W .3 .8 1.2 .5 .1 NNW .1 .2 .5 .6 .1 .1 .0 NNW .3 .4 .7 .7 .4 .2 NNW .3 .6 1.5 1.5 .6 .4 VARBI CALM										L			
SW .6 1.4 3.7 1.8 .1 .0 7. WSW .4 1.0 1.2 .8 .0 3. W .3 .8 1.2 .5 .1 3. WNW .1 .2 .5 .6 .1 .1 .0 1. NW .3 .4 .7 .7 .4 .2 .2 NNW .3 .6 1.5 1.5 .6 .4 .4 VARBI .6 .4 .4 .4 .4 .4 CALM .6 .4 .4 .4 .4 .4											L		
WSW													
W 3 8 1.2 5 1 3. WNW 1 .2 5 .6 1 1 0 1. NW 3 .4 7 .7 .4 .2 NNW 3 .6 1.5 1.5 .6 .4 VARBL CALM 5 .6 .4 5 .6 .4 5 .5							0			<u> </u>	ļ		
WNW													
NW													
NNW .3 .6 1.5 1.5 .6 .4 .5. VARRL CALM .5.								.0		ļ			
VARBL CALM 5.													
CALM 5		.3	6	1.5	l.5_		4			ļ	<u> </u>		<u>5</u>
	VARBL		<u> </u>							<u> </u>			
	CALM		><	><	><	><	><	> <	\sim	\searrow	><	><	5.

TOTAL NUMBER OF OBSERVATIONS 3429

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCRETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RAGO	<u>NLPH AF</u>	R TEXA	S/SAL,	ANTONI	<u> </u>	38-	74		FEARS				EC.
	_				ALL ME	ATHER						1500	-170
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE
N	.5	1.7	3.2	3.3	1.0	. 2	.0					9.9	10
NNE	.5	1.1	3.1	3.5	.1	• 1						8.4	10
NE	• 6	2.0	3.3	1.9	•1							9.1	8
cNE	•6	1.7	2,3	•7	.1							5.5	7
F	1.1	2.0	1.0	•2								4 4	5
ESE	.7	1.2	5	• 2								2.6	5
SE	. 8	1.2	1.3	.6	.1	-1						4.0	7
SSE	. 8	1.8	2.6	1.3	.3	•1						6.8	8
\$	1.5	3.7	5.6	2.8	.1							13.8	8
ssw	. 9	3.1	4.9	1.3	1							10.4	7
sw	.7	1.9	2.4	.8					<u> </u>		L	5.8	7
WSW	. 5	. 8	1.4	4_						<u> </u>		3.0	
w	3_	6		. 3	.0							1.7	7
WNW	1		-4	.4	1_				<u> </u>	<u> </u>		1.3	11
NW	2	6	. 3	.9	2	2	.0		<u> </u>		<u> </u>	2.9	111
NNW	-3	. 8	1.6	1.5	-6	-2	-1			<u> </u>		5.0	$ \mathbf{u}$
VARBL			ļ						<u></u>	<u> </u>	Ļ	 	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.5	
	10.0	24.4	35.1	20.1	2.9	٥	1					100-0	7

TOTAL NUMBER OF DESERVATIONS 3437

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE GESOLETE

DATA PROCESSI, 6 BRanch ETAC/USAF AIR WEATHER SERVICE/NAC

12911 RANDOLPH AFE TEXAS/SAN ANTONIG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION	MANE					,	EARS				HORTH
	_				ALL ME	ATHER						1800-	-200
			,		CON	DIT:OM				_			
	<u> </u>												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WINE SPEEC
N	1.0	2.6	3.3	2.5	.5	.4						10.3	9,
NNE	. 9	2.9	3.0	1.8	•2	.1						8.8	Я.
NE	1.1	3.2	3.0	1.0	.3							9.1	7,
ENE	, â	1.5	1.3	•4								4.1	6
E	1.2	1.8	1.1	.4								4.5	5.
ESE	7	1.1	.5	-1								2.3	_5.
SE		2.2	2.7	.8	1	0						5.8	7.
SSE		2.3	3.4	1.1								8.1	7
<u> </u>	2.2	4.8	1.9	2	.0				ļ <u> </u>			9.1	_5
SSW	1.3	2.5	1.6	. 1							 	5.5	5,
sw	.3	1.6	1.0	•0						 		3.4	_5_
wsw	6	-7	- 5						 	 	 	1.9	_5.
w	6	.5	•?						<u> </u>	<u> </u>	 	1.3	4.
WNW	- 2	.4	- 4	2							 	1.3	7
NNW	4 _9	1,5	2.0	•6	-2	al			 	 	 	2.5 5.4	8
VARBL		100	2.0	• 0	4		.0			 		204	٠
CALM												15.E	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESULIG BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

€.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RA	SUOLPE A	FE TEXA	15/54N	ANTONI	<u> </u>	38=	74					2	EC
		STATIO	N NAME					,	PEAPS				HONTH
					ALL WE	ATHER	 					2100	-2300
						M-9-8						MOG E	· (CS.1.)
	•				COM	PITION							
SPEET (KNTS DIR.) 1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	1.4	3.0	3.1	2.2	.9	.4	•0					11.1	9.2
NNE			3.9	2.3	.5	• 2	- 65		 			10.4	9.1
NE			2.8	1.3	.2	. I						2.0	7.5
ENE			,7	.5						 		3.3	5.3
£			• 7	•2								2.5	5.9
ESE			.4	•1					 -			1.6	5.1
SE	7		1.6	.4	.0				 -			4.2	5.7
SSE				1.1	•2				 -	 -		8.2	7.7
5	1.5	2.9	3.2	.6	. 0				†			8.3	6.5
SSW			1.4	•1		~					<u> </u>	4.3	5.5
SW			.9	.3						 		3.7	5.7
WSV			6	.1	l							2.0	5.3
W			.7	.2								2.6	5.6
WNW			.6	- 1								1.7	5.4
NW				.4	.1	- 1				 		4.5	6.6
NNV			1.6	.7	.2	.1				<u> </u>		5.8	6.7
VARB		T-52F								· · · · · ·			
CAU	· ><	$\supset \subset$	\times	\geq	\geq	\times	> <	X	\geq	\times	>	16.1	
	1.5	<i>"</i> 0 7		10 6	2 2		,						

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING ERANCH ETAC/USAF AIR NEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND 5"EZD
N	.6	1.0	1.5	1.4	• 4	,2	• C					5.0	9.9
NNE	.7	1.5	2.9	2.6	.6	1	• 0	•0	0.			8.4	9,9
NE	1.1	2.0	3.7	2.1	• 3	.0	ψÚ	•0				9.3	8.5
ENE	. 8	1.6	2.0	•6	. 1	.0		•0	• 0			5.2	7.2
E	1.1	2.0	1.5	.4	.0	0						4.9	6.1
ESE	• 6	1.4	1.3	• 5	•0	- 0				<u> </u>		4.1	6.7
SE	1,4	3.0	3.7	1.4	1	. 0						9.6	7.4
SSE	1.2	3.6	5.6	2.6	ع ف	.0	• 0				<u> </u>	13.2	8.1
\$	1.6	4.8	7.2	2.6	2_	.0						16.3	7.7
SSW	, 3	2.1	2.3	7	.0	. 0				<u> </u>		5.0	7.0
sw	.6	1.0	. 8	1	, C							2.5	6.0
WSW	.3	. 4	2	•1	0	0					<u> </u>	9	5.8
W	.2	. 3	2		.0	.0	•0					<u>, 8</u>	5.7
WNW	1		1		-0	. 0	.0		.0	ļ		-4	7.2
ММ	.2	2	2		٥,	• 0	0					-7	7.8
NNW	. 3	.4	• 4	.3	1	1	O	0				1.5	9.0
VARSL	L								Ļ	Ļ,	Ļ,		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.4	
	11.7	25.3	33.3	15.6	2.1	. 5	1	.0	٥			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 51987

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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U S AIR FORCE ENVIRONMENTAL SECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 bel.w.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summartes prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	SIBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	4≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥1%	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	\sim						\bigcirc				<u> </u>					
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.64. Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \geq 0. From the table: Visibility \geq 3 miles = 95.4%. Visibility \geq 2 miles = 96.9%. Visibility \geq 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

S74-29963

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

D - 3

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.0 55.9	50.9 58.1	51.2 58.5		51.5 58.8	51.5 58.9	51.6 58.9					51.7 59.0		51.7 59.1	51.7 59.1	51.8 59.2
≥ 18000 ≥ 16000	56.1 56.5	58.4 58.8	58.8 59.2	58.9 50.3	59.1 59.5	59.1 59.5	59.2 59.6		59.3 59.7			59.3 59.7		59.4 59.8	59.4 59.8	59.5 59.9
≥ 14000 ≥ 12000	57.3 58.5	59.7 60.9	60.1 61.3	60.3 61.5	60.4	60.4 61.7	60.5 61.8		60.6			60.7	60.7	60.7	60.7	
≥ 10000 ≥ 9000	59.5 59.9		62.4	63.1	62.8	62.9	62.9		63.0 63.4		63.1 63.5	63.1 63.5	63.1 63.5	63.1 63.5	63.1	63.2 63.6
≥ 8000 ≥ 7000	60.6	64.1		63.9 64.7		64.1 64.9		65.0	64.2 65.1	65.1	65.1	64.3 65.1	64.4 65.2	64.4		65.3
≥ 6000 ≥ 5000	62.0	64.8		67.0	67.2	65.7 67.2		67.3		67.4	67.4	67.4	67.5	67.5	67.5	67.6
≥ 4500 ≥ 4000	64.1				69.5	68.1 69.6	68.2		68.3 69.7	69.8		68.4 69.8	68.4		69.9	
≥ 3500 ≥ 3000	68.4	70.0	70.5			71.1	71.2	73.2	71.2	73.3	73.3	71.3		71.4	71,4 73,4	73.5
≥ 2500 ≥ 2000	70.3 72.5 73.5	74.1 76.8 78.0	74.7 77.5 78.6	75.1 77.9 79.1			75.5 78.4	78.4		78.5	75.7 78.5	75.7 78.5		75.7 78.6	75.7 78.6	78.7
≥ 1800 ≥ 1500 ≥ 1200	75.6 78.3	80.5		81.8	79.4 82.2 85.9	79.4 82.2 86.0		82.4		82.5	79.8 82.6	79.8	82.6	79.8 82.6 86.5	79.9 82.7	82.7
≥ 1000	80.0	86.4 87.4	87.4	88.1	88.6		88.9	86.3 89.0 90.2	86,3 89.0 90.2	89.1	86.4 89.1 90.4	86.4 89.1 90.4	86.5 89.2 90.4	89.2	86.5 89.2 90.5	89.3
≥ 900 ≥ 800 ≥ 700	81.4		89.7	90.5	91.2	91.3 92.4	91.6		91.7			91.9		91.9	92,0	92.1
≥ 600	82.2			92.5		93.5		94.0	94.1	94.2	94.3	94.3	94.3	94.4	94.4 95.6	94.5
≥ 400	82.6			93.8	94.9	95.1 95.6			96.2	96.4	96.5	96.6	96.6		96.7	96.8
≥ 200	82.7	91.0 91.0		+	95.5	95.8	96.5	97.2	97.3	97.9	98.2	98.2	98.4		99.1	
≥ 0	82.7			94.2	95.5	95.8						98.5			99.3	100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC PULSE 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

CEILING VERSUS VISIBILITY

RANDOLPH AEB TEXAS/SAH ANTONIH 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.4 49.2	44.9 51.0	45.2 51.4		45.6 51.8	45.7 51.8	45.7 51.9	45.8 51.9	52.0	45.8 52.0	45.5 52.1	45.9 52.1	52.1	46.0 52.1	46.4 52.2	46.2 52.4
≥ 18000 ≥ 16000	49.4	51.2 51.6	51,6 52.u	51.8 52.2	52.0 52.5	52.5 52.5	52.6	52.2 52.5	52.2 52.6	52.2 52.7	52.3 52.7	52.3 52.7	52.3 52.8	52.4 52.8	52.9	52.6 53.0
≥ 14000 ≥ 12000	50.6	52.4 53.2			53.3	53.3 54.2	53.4 54.2	53.4 54.3	53.4 54.3	53.5 54.4	53.6 54.4	53.6 54.4	53.6 54.5	53.6 54.5	53.7 54.6	53.9 54.7
≥ 10000	52.3 52.6		54.6 54.9	55.2	55.1 55.4	55.4 55.4	55.2 55.5	55.3 55.6	55.3 55.6	55.3 55.7	55.4 55.7 56.6	55.4 55.7 56.6	55.5 55.8 56.7	55.5 55.8 56.7	55.6 55.9 56.8	55.7 56.0 57.0
≥ 8000 ≥ 7000 ≥ 6000	53.4 54.4 55.3	55.4 56.5 57.5	56.9	57.2	56.3 57.4 58.5	56.4 57.4 58.5	56.5 57.5 50.6	56.5 57.5 58.6	56.5 57.6 58.7	56.6 57.7 58.7	57.7 58.8	57.7 58.8	57.8 58.8	57.8 58.9	57.9 59.0	58.0 59.1
≥ 5000 ≥ 5000 ≥ 4500	56.7 57.5		59.5	59.8	60.9	60.1 60.9	5.2	60.2	50.2	60.3	60.4	60.4	60.4	60.5	60.6	60.7
≥ 4000	58.5 59.8	61.0	61.6	61.8		62.1	52.2	62.3		62.4	62.4	62.4	22.5		62.6 44.1	
≥ 3000	61.4	64.3		65.1	65.5	65,5	65.6	1	65.7	65.7	65.8 68.3	65.F	65.2		06.0	
≥ 2000	65.9		70.3	70.7	71.1	71.1	7:1.3	71.3	71.3	71.4	71.4	71.4	71.5	71.6		
≥ 1500	70.7	76.1	77.1	77.7	74.9 78.3	74.9 78.3	75.1 78.5	75.1 78.6	75.2 78.6	75.2 78.7	, .	75.3 78.8		75.4 78.9	79.0	79.1
≥ 1000 ≥ 900 ≥ 800	72.8	78.2	80.6	81.4	82.2		82.5	81.2	82.7	82.8	82.9	82.9	83.0	1 -		83.3
≥ 700 ≥ 600	73.4	80.4 81.4 82.2	83.1		83.6 85.0 86.3	85.2		85.8	85.8	84.4 86.0 87.6	86.1	84.4 86.1 87.7	86.2	86.2	86.3	
≥ 500 ≥ 400	74.6 74.6	82.9	85.0	26.5	37.8	88.0	86.8	69.1	89.2	89.6 91.4	89.7	89.7	·		90.0	90.2
≥ 300 ≥ 200	74.7	83.4	85.8		89.4		91.2	92.0		93.1	93.4		93.7	93.8	94.0	94.2
≥ 100 ≥ 0		83.5	85.8	· ~ ~	89.7	90.3	91.9	93.0	93.3	44.8	95.6		96.6	96.9 97.1		98,4

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIC 39-75

FER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.9 49.2	44.6 51.1	44.8 51.5	45.0 51.7	45.2 51.9		45.3 52.0	45.3	45.3 52.0	45.4 52.1	45.4 52.2	45.4 52.2	45.5 52.2	45.5 52.2	45.5 52.3	45.6
≥ 18000 ≥ 16000	49.5 50.1	51.4 52.1	51.8 52.5	52.0 52.6	52.2 52.8	52.2 52.9	52.3 53.0	52.4 53.0	52.4 53.0	52.5 53.1	52.5 53.2	52.5 53.2	52.6 53.2	52.6 53.2	52.6 53.3	52.7 53.4
≥ 14000 ≥ 12000	51.1 51.9	53.1 54.0	53.5 54.4		53.9 54.8	54.0 54.8		54.1 55.0	54.1 55.0	54.2 55.1	54.2 55.1	54.2 55.1	54.3 55.2	54.3 55.2	54.4 55.2	54.4 55.3
≥ 10000 ≥ 9000	52.8 53.1	54.9 55.3		55.4 55.8	55.7 56.1	55.7 56.1	!	55.8 56.2	55.8 56.2	55.9 56.3		56.0 56.4	56.0 56.4	56.0 56.4	56.1 56.5	56.2 56.6
≥ 8000 ≥ 7000	54.1 54.9	56.3 57.1		56.8 57.7	57.1 57.9	57.1 57.9	57.2 58.0		57.2 58.1	57.4 58.2		57.4 58.2	57.4 58.3		57.5 58.3	
≥ 6000 ≥ 5000	55.6 56.6	57.8 59.0		58.5 59.7		59.7 59.9	58.8 60.0	58.9 60.1	58.9 60.1	59.0 60.2		59.0 60.3	59.1 60.3	59.1 60.3		59.2 60.5
≥ 4500 ≥ 4000		59.8 úl.1	61.6	61.9	60.8 62.2	62.2		61.0	61.0 62.4	61.1 62.5	61.1 62.5	61.1	61.2		- 1	61.3
≥ 3500 ≥ 3000	59.8 61.3	62.5 64.3	64.9	65.2	63.7 65.5		65.7		65.8		65.9	65.0	64.1 66.0			
≥ 2500 ≥ 2000	65.7		70.2	70.6	68.1 71.1	71.2	71.3	71.4	71.4	71.5	71.6	71.6	68.6 71.6	71.6	71.7	68.8
≥ 1800 ≥ 1500	68.6	70.5 73.1	71.3		72.2	75.0	75.2	75.3	75.3	72.7 75.4	72.7 75.5	72.7 75.5	72.8 75.5	72.8 75.5	72.8 75.6	75.7
≥ 1200 ≥ 1000	70.8	76.1 78.2	77.0	80.1	78.3	81.0	78.7 81.3	81.4	78.8 81.4	81.6	81.6	79.0 81.6	79.0 81.7	31.7	79.1 81.8	79.2 81.9
≥ 900 ≥ 800	73.0	79.4 80.7	82.1	83.1	82.4	84.2	82.9 84.5	84.7	83.0 84.8	83.2 85.0	85.0	83,3	83.3	53.3 85.1	95.2	85.3
≥ 700 ≥ 600	74.6	81.7	84.2	85.5	85.5 86.7	86,9	87.5			86.7	86.7 88.2	86.7 88.2	86.8 83.2	86.8		88.4
≥ 500 ≥ 400	74.9	83.1	85.0	87.3	89.0	89.4	90.4	91.0	89.6 91.1	90.0	91.9			90.2	92.1	92.2
≥ 300	75.2 75.3		86.1	88.1	90.4	90.9	92.5	93.5		93.7 95.1	95.0	95.7	96.1	94.2	96.3	96.6
≥ 100 ≥ 0	75.3	i			90.5 90.5		92.6 92.6		94.0 94.0	95.6 95.6		96.5 96.6		97.4 97.7		98.5 100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAM ANTONIO 39-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FECT)	≥ 10	≥ 6	≥ 5	≥ 4	≥ ઉ	≥ 21/2	≥ 2	≥1'5	≥1¼	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.3 50.2	44.3 52.7	44.7 53.1	44.9 53.3	45.1 53.6	45.1 53.7		45.3 53.9	45.3 53.9	45.4 54.0	45.4 54.0	45.4 54.1	45.5 54.0	45.5 54.1	45,5 54.1	45.6
≥ 18000 ≥ 16000	50.5 50.9	53.0 53.4	53.4 53.8	53.6 54.0	53.9 54.3	53.9 54.3	54.1 54.5	54.2 54.6	54.2 54.6	54.3 54.7	54.3 54.7	54.3 54.7	54.3 54.7	54.3 54.8	54.4 54.8	54.4 54.9
≥ 14060 ≥ 12000	51.8 52.8	54.3 55.4	54.7 55.8		55.2 56.3	55.3 56.4	56.6	55.5 56.7	55.6 56.7	55.6 56.ხ	55.7 56.8	55.7 56.8	55.7 56.8	55.7 56.8	55.7 56.8	55.8 56.9
≥ 9000	53.5 53.8	56.1 56.5	56.6 57.0	57.2	57.1 57.5	57.2 57.5	57.7	57.8	57.5 57.8	57.5 57.9	57.5 57.9	57.5 57.9	57.6 58.0	57.6 58.0	57.6 58.0	58.1
≥ 8700 ≥ 7000	54.6	58.2	57.7 58.6			58.3 59.2	59.4	58.6 59.5	58.C		58.7 59.6	58.7 59.6	58.8 59.7	58.8 59.7	58.8 59.7	58.9
≥ 6000 ≥ 5000	56.2 57.7	59.1	77 7 200	61.5	60.1	61.9	60.3 62.1	69.5	60.5		60.6		60.6	60.6 62.4	60.6	62.5
≥ 4500 ≥ 4000	58.6 59.7	63.0	62.2			64.3	64.5	64.6		64.7		64.7	64.8	63.4 64.8		63.5
≥ 3500 ≥ 3000	62.9	56.7			68.0	65.9 68.1	68.3		68.5		66.4		66.4 68.6	68.6	66.4	
≥ 2500 ≥ 2000	57.3 68.4	69.1 72.1 73.4	72.9		70.6 73.8	70.7 73.9	74.2			71.2 74.4	71.2 74.5	74.5		71.3 74.5		71.4 74.6
≥ 1800 ≥ 1500	70.3	76.1	74.2 77.0 81.0		75 • 2 78 • 2 82 • 4	78.3	78.5	75.7 79.7	75.7 78.7	78,3	78.9	78.9	75.9 78.9		75,9 78.9	
≥ 1200 ≥ 1000 ≥ 900	74.8		83.8			85.5	95.8	82.9 85.9 87.5		36.1	83.1 86.2 87.7	86.2	83.2 86.2 87.8	83.2 86.2 87.8	83.2 86.2 87.8	83.3 86.3 87.9
≥ 900 ≥ 800	76.3 75.8	85.0	86.7	87.8	88.6	88.8	89.2	89.4	89.4 91.0	89.6	89.0 91.2	89.6	89.7	89.7 91.3		
≥ 600	77.2	86.8	88.9		91.4	91.7	92.1	92.5	92.5	92.7	92.8	92.A	92.9	92.9	92.9	93.0
≥ 400	77.5	87.6 87.8	89.9 90.1	91.6 91.8	93.2	93.6	94.4		95.1 96.1	95.4	95.5 96.8	95.5	95.6	95.7	95.7	, ,
≥ 200	77.5	87.8 87.8	90.2	91.9			95.5		96.7	97.4		97.2	98.1	98.2	98.2 99.1	98.4
≥ 0	77.5	87.8	90.2		94.0			96.5			98.1	98.2		98.8		100.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC 108 4 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSCRETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI3181L	UTAT2) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.7 45.4	39.7 47.9	40.0 48.3		40.3	40.4 48.7		40.5 48.9		40.6	40.6 49.0	40.5 49.0	40.7 49.1	40.7 49.1	40.7	40.7
≥ 18000 ≥ 16000	45.7 45.9	48.3 48.6	48.9	48.9 49.2	49.0 49.4	49.1 49.4	49.2 49.5	49.2 49.6		49.3	49.3	49.4	49.4 49.7	49.4	49.4	49.4 49.8
≥ 14000 ≥ 12000	46.7 47.6	49.4 50.4	50.8	50.1 51.1	50.2 51.2	50.3 51.3	50.4 51.4	50.4 51.5	50.5 51.5	50.5 51.6	50.6 51.6	50.6 51.6	50.6 51.6	50.6 51.6	50.6 51.6	50.7 51.7
≥ 10000 ≥ 9000	48.3	51.6	51.5 52.0	51.8 52.3	52.0 52.5	52.0 52.6	52.2 52.7	52.2 52.8	52.3 52.8	52.3 52.9	52.3 52.9	52.4 52.9	52.4 52.9	52.4 52.9	52.4 52.9	53.0
≥ 8000 ≥ 7000	49.4 50.0	52.3 53.0		53.0 53.7	53.2 53.9		53.4 54.1	53.5 54.2	53.5 54.2	53.6 54.3	53.6 54.3	53.6 54.3	53.6 54.4	53.6 54.4	53.6 54.4	53.7 54.4
≥ 6000 ≥ 5000	,	53.8 55.0	55.5		54.8 56.1				55.1 56.3	55.1 56.4	55.2 56.4	55.2 56.4	55.2 56.5	55.2 56.5	55.2 56.5	56.5
≥ 4500 ≥ 4000	52.7 54.1	56.0 57.6	58.1	56.8 58.5			57.3 59.0			57.4 59.2	57.5 59.2	57.5 59.2	57.5 59.2	57.5 59.2	57.5 59.2	59.3
≥ 3500 ≥ 3000	55.6 57.8	59.3 61.8	62.4				63,4			63.6				63.6	61,0	63.7
≥ 2500 ≥ 2000	63.3	65.0	69.5	70.2		70.6		70.9	70.9		71.1	67.0 71.1	71.1	71.1	67.0 71.1	71.2
≥ 1800 ≥ 1500	64.7	70.4	75.0	75.8		76.4		76.7	76.8	76.9	76.9	76.9		76.9	73.0	77.0
≥ 1200 ≥ '000	71.1		83.9	85.0	85.7	85.8		86.3	86.4	82.7 86.5	86.6	86.6	86.6	86.6	86.6	86.7
≥ 900 ≥ 800	74.0		87.1	88.4	89.4	89.5		90.1	90.2	90.4	90.4		90.4	90.4	90.5	90.5
≥ 700	75.2 75.6 75.8		89.2	90.9	92.1	92.4	93.0		93.3	91.9 93.5 95.1	93.6	93.6	93.6		93.6	93.7
≥ 500 ≥ 400	75.9 75.9	87.8	90.4	92.4	94.1	93.6 94.5 95.1	94.4 95.4 96.3	95.9	96.0	96.4	96.5	95.2 96.5 97.9	96.6	96.6	96.6	96.7
≥ 300 ≥ 200	76.0	88.1	90.7	92.9	94.8	95.3	96.6	97.3	97.5	98.3	98.7	98.7	99.0	99.0	99.1	99.2
≥ 100	76.0 76.0	88.1						97•3 97•3	_	98.5 98.5		98.9 99.0		99.4		99.7 100.0

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

EILING							VISIBIL	ITY (STATU	FE MILES							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥5/16	≥ '4	≥ 0
ND CEILING ≥ 20000	39.6 48.0		51.3	42.3 51.5		42.5 51.8	42.5 51.8	42.5 51.8	42.6 51.8	42.6 51.9	42.6 51.9	42.6 51.9	1		42.6 51.9	
≥ 18000 ≥ 16000	48.3 48.5	[51.9 52.1	52.1 52.3	52.1 52.3	52.1 52.4	52.2 52.4	52.2 52.4	52.2 52.5	52.2 52.5	52.5 52.5	52.2 52.5	52.2 52.5	52.3 52.5	
≥ 14000 ≥ 12000	49.1 50.0		53.7	52.8 53.9	54.1	53.0 54.2	53.0 54.2	53.1 54.2	53.1 54.2	53.1 54.3	53.1 54.3	53.1 54.3	53.1 54.3	53.1 54.3	53.2 54.3	54.4
≥ 10000 ≥ 9000	51.0 51.3	54.8	55.3	55.1 55.5	55.4 55.8	55,4 55,8	55.4 55.9	55.4 55.9	55.5 55.9	55.5 55.9	55.5 56.0	55.5 56.0	56.0	56.0	55.6 56.0	56.0
≥ 8000 ≥ 7000	52.0 52.6	56.4	56.8	56.3 57.1	56.6 57.4	56.6 57.4	56.7 57.4	56.7 57.5	56.7 57.5	56.7 57.5	57.5	56.8 57.5	57.6	57.6	57.0	57.6
≥ 6000 ≥ 5000	53.4 54.9			58.1 59.8		58.3	58.4 60.1	58.4 60.1	58.4	58.5 60.2		58.5 60.2	58.5	58.5 60.3		60.3
≥ 4500 ≥ 4000	55.9 57.7	62.2	62.7	61.0	61.2		61.3	61.3	61.4	61.4		63.5		61.4	61.5	63.6
≥ 3500 ≥ 3000	59.6 62.1	64.4					65.7 68.7	65.7 68.7	65.7 68.7		68.8			68,3	48,8	
≥ 2500 ≥ 2000	64.6	74.3		71.5 75.6			72.0	72.0 76.2	72.1 76.2			72 • 1 76 • 3		76.3		76.4
≥ 1800 ≥ 1500	69.0 71.7 75.3	75.9 79.5 84.3	80.4	81.1	77.8 81.6 86.9		81.8	81.9	81.9	82.0	78.1 82.0					82.1
≥ 1200 ≥ 1000	77.5	87,5	88.9	89.8	90.5		90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.1	87.4 91.2	91.2
≥ 900 ≥ 800	79.0	90.0	91.6	91.1 92.7 93.9	93.6	92.0	94.0	94.1		94.2	94.3		94.3	94.3		94.4
≥ 700 ≥ 600	79.8	91.5	93.3	94.8	95.8	95.0 96.0	96.3	96.4		96.6	95.7	96.7	96.7	96.7	96.7	96.8
≥ 500 ≥ 400	80.1	92.3	94.3	96.0	97.2		97.9	98.2	97.5 98.2 98.7	98.4	97.7 98.5 99.1	98.5	98.6	98.6	98.6 99.3	98.6
≥ 300 ≥ 200	80.2	92.4	94.6	96.3	97.6	97.9	98.5	98.8 98.8	98.9	99.2	99.4		99.5	99.5	99.6	99.6
≥ 100	80.2		1			97.9						59.5		99.7		100.0

0-14-5 (OLA) FREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							√ŧSIBIL	ITY (STATU	TE MILES)							
(FCET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.5 56.2	50.4 58.3	50.6 58.6	50.7 58.7	50.8 58.8	50.8 58.9	50.9 58.9	50.9 58.0	50.9 58.9	50.9 58.9	50.9 59.0	50.0 59.0		50.9 59.0	50.9 59.0	50.9 59.0
≥ 1800v ≥ 16000	56.6 57.1	58.7 59.2	58.9 59.4	59.1 59.6	59.2 59.7	59.2 59.7	59.7	59.9	59.3 59.8		59.8		59.8			59.8
≥ 14000 ≥ 12000	58.1 59.4			60.6	60.7		6).8 52.2	62.2		60.8 62.3	62.3	60.9	62.3	62.3	62.3	62.3
≥ 10000 ≥ 9000	60.6		63.2		63.5	63.5 53.8	63.6	63.9	63.6 63.9	63.9	63.6 63.9	63.6 63.9	63.9			64.0
≥ 8000 ≥ 7000	61.4	64.3	64.6		64.9	64.4	64.4	65.C		65.0	65.0	64.5 65.0	65.0		65.0	65.0
≥ 6000 ≥ 5000	62.3	64.8	66.3		65.4	65.4	65.5 66.7	66.7		66.8	66.8	65.5 66.0	65.5 66.8	66.8	66.8	66.8
≥ 4500 ≥ 4000	64.2	66.8	68.7		67.5	69.0	69.1	67.6 69.1	69.1	67.6 69.1	69.2	67.6		67.6 69.2	67.6 69.2	69.2
≥ 3500 ≥ 3000	67.1	70.0 72.5	70.4		70.7	70.7 73.3	70.8		70.8 73.4	73.4	70.8 73.4	70.8 73.4	70.8 73.4	70.8 73.4	70.8	73.4
≥ 2500 ≥ 2000	71.9	75.1 78.6			76.0 79.5	76.0 79.5	76.0 79.6	79.6	76.1 79.6		76.1 79.7	76.1 79.7	76.1 79.7	76.1 79.7	76.1 79.7	76.1 79.7
≥ 1800 ≥ 1500	76.7		84.7	85.0	81.3	81.3 85.3		85.4	81.4 85.4	85.5	81.5 85.5	81.5 85.5	81.5 85.5	81.5 85.5	81.5 85.5	85.5
≥ 1200 ≥ 10^0	84.3			93.2	90.3		93.7	93.8	90.5			90•5 93•9		90.5 93.9		90.5 93.9
≥ 900 ≥ 800	37.8 38.7	94.5	93.9 95.2	95.7	94.8	94.9	96.4	96.5	95•1 96•5			95•1 96•6		96.6		96.6
≥ 700 ≥ 600	89.7	95.9	96.1 96.8		97.2	97.2 98.0	98.1	98.3	97.5 98.3		98.4	98.4	98,4	98.4	98.4	98.4
≥ 500 ≥ 400	89.9 90.0	96.6		98.2	98.4 98.8	98.5 98.9						99.4	99.4	99.4	99.0	99.5
≥ 30°) ≥ 20°0	90.1	96.7	97.7 97.7	98.4	99.0 99.1	99 • 1 99 • 2		99.4		99.7			99.8	99.9		99.9
≥ 100 ≥ 0	90.1	96.7 96.7	97•7 97•7	98•4 98•4	99•1 99•1			99.6 99.6	99•6 99•6		99•8	99.8 99.8			-	100.0

TOTAL NUMBER OF OBSERVATIONS ___

USAFETAC $\frac{rO^{2M}}{rU_{c}\omega_{d}} = 0.14-5$ (OLA) previous editions of this form are desorate

CEILING VERSUS VISIBILITY

AIR WEMINER SERVICES

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURSILSTI

CEILING							VISIBIL	UTATZ; YTI.	TE M:LES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ ?	≥ 11/3	≥1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	60.7 69.1	62.8 71.6	62.9	63.0 71.8	63.0 71.8	63.0 71.8	65.0 71.8	63.0 71.9	63.0 71.8		63.1 71.9	63.1 71.9	63.1 71.9	63.1 71.9	63.1	63.1
≥ 18000 ≥ 16000	69.4 69.6		72.0 72.3	72.1 72.4	72.1 72.4	72.1 72.4	72.1	72 · 1 72 · 4	72.1 72.4	72.4	72.1 72.4	72.1 72.4	72.1 72.4	72.1 72.4	72.1 72.4	72.4
≥ 14000 ≥ 12000	70.4	74.8		73.3 75.1	73.3 75.1	73.3 75.1	75.1	75.1	73.3 75.1	75.1	75.1	73.3 75.1	75.1	75.1		75.1
≥ 10000 ≥ 9000	73.2 73.5	76.2		76.2 76.5				76.6		76.6	76.6	76.3 75.5	76.6	76.6	76.3 76.6	75.5
≥ 8000 ≥ 7000	74.0 74.5		77.0 77.6	77.1 77.6	77.1 77.7			77.2 77.7	77.2			77.2 77.7	77.2 77.7		77.2 77.7	_
≥ 6000 ≥ 5000	74.9 76.1		78.0 79.4	–		78.1 79.5	78 • 2 79 • 5	78.2 79.5	78.2 79.5			78.2 79.5			78.2 79.6	
≥ 4500 ≥ 4000	76.8 77.6			80.1 31.1	80.2 81.1	80.2 81.1	31.1	80.2 81.1	80.2 81.1		80.2 81.1	80.2 81.1	80.2 81.1	80.2 81.1	80.2 81.1	80.2 81.1
≥ 3500 ≥ 3000	78.5 79.5	81.7	82.0 83.1	1	82.1	82.1	82.2		82.2		82.2 83.3	82.2	82.2	82.2 83.3	72.2 83.3	82.2
≥ 2500 ≥ 2000	80.5 82.2		84.2	84.4 86.2	84.4	86.3	,		84.4	86.3	84.5 86.4	84.5 86.4	84.5 86.4	84.5 86.4	84.5 86.4	8/ • 5 86 • 4
≥ 1800 ≥ 1500	83.1	86.8 89.2	87.1 89.5	87.2 89.7	87.3 89.8	87.3 89.8			87.3 89.8	87.4		87.4 89.9			87.4 99.9	
≥ 1200 ≥ 1000	88.3 90.3	92.7 95.0	93.2 95.5	93.4 95.7	93 • 4 95 • 8	93.4 95.8			93.5 95.9	93.5 95.9	93.5 96.0	93.5		93.5 96.0	93.5	93.5
≥ 900 ≥ 800	90.9		96.3 97.3	96.6 97.6	96•7 97•7	96.7 97.7	97.8	96.8 97.8			96.8 97.9	96.8 97.4			96.8 97.9	96.8 97.9
≥ 700 ≥ 600	92.0			,	98•3 99•0	98.4			98.5 99.1	98.5 99.1	98.5 99.1	99.5 99.1	98.5 99.2	98.5 99.2	98.5 99.2	98.5
≥ 500 ≥ 400	92.5 92.6		98.8 98.9		99·3 99·5	99.3 99.5			99.5		99.5 99.7	99.5			99.5	99.5
≥ 300 ≥ 200	92.6	1	99.U		99.6				99•8 99•8		99.9	99.9	99.9		99.9 100.3	
≥ 100 ≥ 0	92.6 92.6		99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	1C • 0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2744

USAF ETAC 104 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911 RAMUDLPH AFB TEXAS/SAN ANTONIC 38-75

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOUTS(LST,

CEILING							VISIBIL	ity (Statu	TE MILES)							-
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄3	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	61.8 70.2	63.8 72.5	64.1 72.8	64.2 73.0	64.3 73.0	64.3 73.1		64.4 73.1				64.4 73.1	64.4 73.1		64.4 73.1	54.4 73.1
≥ 18000 ≥ 16000	70.4 70.8	72.7 73.2	73.0 73.5		73.3	73.3 73.7		73.5			73.3 73.8	73.3 73.9	73.3 73.8			1
≥ 14000 ≥ 12000	71.6 73.2	74.0 75.7		76.2	74.6 76.3	75.3	75.4		76.4	76.4				74.7 76.4		74.7 76.4
≥ 10000 ≥ 9000	74.7 75.1			78.4			75.5		78.5	78.6	78.6			78.6		78.6
≥ 8000 ≥ 7000	75.8 76.2		78.9 79.4	79.6	79.7	79,8	79.8	79.A	79.8		79•3 79•8			79.3 79.8	-	
≥ 6000 ≥ 5000	76.6 77.7		81.1	81.3	80.3 81.4	81.5	P1.5	80.3 81.5		81.5	81.6			-		
≥ 4500 ≥ 4000	78.4			83.1	83.3	83.3	63.3	62.2 83.4			82.3 83.4	82.3 83.4			82.3 33.4	
≥ 3500 ≥ 3000	80.1 81.0	83.3 84.3	63.7 84.7	83.9 84.9	84.1 P <u>5.1</u>	84.1 85.1		-	84.2 85.2		84.2 85.2	84.2 25.2	84.2 85.2	84 • 2 85 • 2	84.2 85.2	
≥ 2500 ≥ 2000	81.9 83.1	85.3 86.7	87.2	86.0 87.4			86.2 87.7	86.2 87.7		86.3 87.7		ხა.3 87.7		86.3 87.8	86.3 87.8	
≥ 1800 ≥ 1500	83.8 85.7	87.4 89.6	90.1				90.7	88.4 90.7		88.5 91.7	88.5 90.7	88.5 90.7	88.5 90.7	88.5 90.7	88.5 90.8	
≥ 1000	88.2 89.9		95.0	93.3 95.3	93.5 95.0		95.7	93.6 95.7			93.7 95.8	93.7	93.7 95.8	93.7 95.8	93.7 95.8	
≥ 900 ≥ 800	90.5 91.0		96.5	96.0 96.9		97.2	97.2	97.3	97.3	97.3	97.4		96.5 97.4	96.5	97.4	97.4
≥ 700 ≥ 600	91.4 91.8	96.5 97.0	97.6	97.5 98.0	97.8 98.3	98.4	0 : 0 5		98.5	98.6	98.5		98.0 98.6			
≥ 500 ≥ 400	92.0 92.1	97.3 97.5	98.2	1	99.1	99.1	99.3	99.0 99.3	99.3	99.4			99.1 99.5	99.1 99.5	99.1 99.5	
≥ 300 ≥: 200	92•2 92•2	97.6 97.6	98.4 98.4	98.9 98.9		99.4	99.5	99.4	99.7	99.8	99.7 99.0	99.2				
≥ 100 ≥ 0	92•2 92•2		98•4 98•4		99•3 99•3		99.5 99.5				99.0					100.0

TOTAL NUMBER OF OBSERVATIONS

2701

USAF ETAC AT 64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38.40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	JTY (STATU	TE MILES!							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/5	≥ 114	≥ 1	≥ 1/4	≥ 5,	≥ ′⁄3	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	55.8 62.2	57.7 64.5	58.1 64.9	58.2 65.1	58.3 65.2			5º • 4	58.4 65.3	59.4 65.3	1		56.5 65.4	58.5 65.4	58.5 55.4	
≥ 18000 ≥ 16000	62.5 62.9	64.8 65.2		65.4 65.8	65.5 65.9	65.5 66.0	45.5 46.0	65.4 66.1	65.6 60.0	1	65.6 56.1		65.6 66.1	65.6 66.1	65.0 66.1	65.7
≥ 14000 ≥ 12000	64.0 65.6	66.5 68.2	67.0 68.6		67.2 68.5	1	49.0	67.3	67.3 69.1	• •	67.4 69.1	67.4 69.1	67.4 69.1	67.4 69.1		
≥ 10000 ≥ 9000	67.2 67.7			71.2	70.8 71.4			71.5	71.5		71.6	71.6	71.0 71.6			71.0 71.6
≥ 8000 ≥ 7000	69.1		72.8			73.2		73.3	73.4	73.4	77.6 73.4		72.7 73.4	72.7 13.4	72.7 73.4	72.7 73.4
≥ 6000 ≥ 5000	70.7			73.6		75.1	75.2	74.7 75.2	75.2	75.3	74.1 75.3	74 • 1 75 • 2	75.3	75.3	74.1 75.3	75.3
≥ 4500 ≥ 4000	71.5		75.4 76.7		75.9 77.3		77.4			76.2 77.5	76.2 77.5	77.5	76.2 77.6	77.5	77.6	77.5
≥ 3500 ≥ 3000	73.8	77.3 78.8	79.4	79.8		80.1	R(. 2	78.7 89.7	80.3	78.7 80.3	78,7 80.3	80.3	78.8 80.4	80.4	90.4	80.4
≥ 2500 ≥ 2000	76.6 78.0 78.6	80.4 82.0		83,1	81.8	83.5	83.6	82.0 83.7	83.7	83.8	82.1 83.8	82.1	82.1 83.8		8.59	82.1
≥ 1800 ≥ 1500	80.3 82.5	1		85.8	84.2 86.2 89.2		RC .4	86.5	86.6	84,5	86.5	86.4	84.6	84.6	86.7	86.7
≥ 1200 ≥ 1000 ≥ 900	84.2			91.0	91.5	91.6	99.4 91.6		91.9		92.1	92.1	89.7 92.1	89.7 92.1	89.7 92.1	92.1
≥ 900 ≥ 800 ≥ 700	85.6			93.2	93.9	93.9		94.7	92.9 94.4 95.6	94.5 95.7	93.0 94.5 95.8	93.0 94.5	93.1 94.5	93.1 94.5 95.8	93.1 94.6	93.1
≥ 600	86.7	93.1		95.2	96.9	96.1		96.6		1	96.8	95.0	95.8 96.9 98.1			95.9 96.9 98.1
≥ 500 ≥ 400 ≥ 300	87.1 87.2	94.0		96.5	97.5 97.8	97.6	9: 1	98.4	98.5	9P.7		98.7	98.8	98.3	98.9	98.9
≥ 200	87.2		95.7 95.7	96.9	97.9	98.1	9g.7	99.1	99•1 99•2	99.4	99.6	99.4	99.7		99.7	
≥ 0	87.3	94.2	95.8		97.9		90.7		99.2		99.6		99.8	99.8		100.0

TOTAL NUMBER OF OBSERVATIONS ____

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE CASOLETE

0

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ ?	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.4 50.9		59.3 64.1	59.6 64.3	59.7 64.5	59,7 64.5	59.8 54.5		59.9 64.7	59.9 64.7	60.U	60 • 0 64 • 7	60.0 64.8	60.0 64.8	60.1 64.8	60 • 2 64 • 9
≥ 18000 ≥ 16000	61.1		64.3 64.7	64.9	64.7 65.1	64.8 65.1	64.9 65.2	64.9 65.2	64.9	65.C	65.0			65.0 65.4	65.1 63.4	_
≥ 14000 > 12000	62.2	65.1	65.5 66.8			67.2	66.1 67.3	66.1 67.3		66.2 67.4	66.2	67.4	66.3 57.5	67.5	67ء ع	65.4 67.6
≥ 10000 ≥ 9000	64.8 64.8	67.4		68.5	68.3	68.3 68.8	66.9	68.9	68.5 69.0		59.0	68.6	69.1	69.1	69.2	68.8
≥ 8000 ≥ 7000	65.6	68.8		70.4	70.5	69.7 70.6	70.7	69.8 70.7	70.7	69.9 70.8	69.9 70.8	69.9 70.8	70.0	70.0	70.9	70.1
≥ 6000 ≥ 5000	67.0 68.3	70.4 72.0 72.8	70.9 72.6 73.4	71.2 72.9 73.8	71.4 73.1 73.9	71.5	71.6	71.6	71.6	71.7	71.7 73.4	71.7	71.8 73.4	71.8	71.8	73.6
≥ 4500 ≥ 4000 ≥ 3500	70.4	74.3			75.5 76.9	74.0 75.5 76.9	74.1 75.6 77.0	74.1 75.7 77.1	74.2 75.7 77.1	74.2 75.7 77.2	74.2 75.8 77.2	74 • 2 75 • 8 77 • ?	74.3 75.8	74.3 75.8 17.3	74.4 75.9 77.3	74.5 76.0 77.4
≥ 3500 ≥ 3000 ≥ 2500	73.2	77.3	78.0	78.4 80.4	78.6		78.8	78.8 80.8	78,8	78.9	78.9 81.0	78.3 81.0	77.3 79.0 81.0	79.0 81.0	79.1 81.1	79.2 81.2
≥ 2000	76.8 77.5	31.5 82.2	82.3 83.0	-	83.8	83.0 83.9		83.2 84.1	83.1	83.4	83.4	83.4	84.3	83.5	83.5	83.6
≥ 1500	79.2	84,4	85.2		86.0 88.8			86.3 89.2	89.2	86.5	86.5 89.3	86.5		85.6	86.6	- 1
≥ 1000	83.3	88.7					21.1	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.6 92.6
≥ 800 ≥ 700	83.9	90.5		92.5	92.9	93.1	93.3	93.4		93.6		93.6	23.7	93.7		
≥ 600	84.8	92.0 92.6	93.4	94.3	94.8 95.8	95.0	95.3	35.4	95.5 96.6	95.6	95.7		95.8		95.9	96.0
≥ 400	35.4	93.2	94.8	96.0	96.4 96.8	97.1	97.6	97.3 97.9	97.4 98.0	97.6 98.3	98.4		97.9	97.9 98.6	98.7	
≥ 200	85.4	93.3	95.0	96.2	97.0 97.1	97.3		98.3	98.4	98.8		99.0	99.3	99.3		99.4
≥ 0	85.4	93.3	95.0	96.2	97.1	97.3	97.9	98.3	98.4	98.8	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

12911 STATION	RANDOLPH AFE TEXAS/SAN ANTONIU	38-74 YEARS	VOK
		• **	

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEE1,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.1 56.1	52.3 57.6	52.6 58.0	52.8 58.1	52.9 58.3	52.9 58.3	53.0 58.4	53.0 58.4	53.1 58.5	53.1 58.5	53.2 58.6	53.2 58.6	53.2 58.6	53.2 58.6	53.2 58.6	53.3 58.7
≥ 18000 ≥ 16000	56.4 56.8			58.4 58.8		58.6 59.0	58.7 59.1	58.7 59.1	58.7 59.1	58.3 59.2	58.9 59.2	58.9 59.2	58.9 59.3	58.9 59.3	58.9 59.3	59.0 59.4
≥ 14000 ≥ 12000	57.3 58.1	59.6		39.3 60.2	59.5 60.4	59.5 60.4	59.6 60.5	59.6 60.5	59.6 60.5	59.7 60.5	59.8 60.7	59.8 60.7	59.8 60.7	59.8 60.7	59.8 60.7	59.9
≥ 10000 ≥ 9000	59.0 59.4	61.1	61.5	61.7	61.8	61.5	62.0	62.0	62.0		61.7	61.7 62.1	61.7 62.1	61.8 62.2	61.8	61.9
≥ 8C00 ≥ 7000	61.2	63.0		62.5	62.7	62.8	62.9	62.9 64.0	62.9	64.1	64.1	64.1	64.2	63.1	63.1	64.3
≥ 6000 ≥ 5000	62.1	64.0 65.0		64.7	64.9	66.9	65.0 67.1	65.1 67.1	65.1	65.2 67.2	65.2 67.3	65.2 67.3	65.2 67.3	65.2	65.3	65.3
≥ 4506 ≥ 4900	65.0	68.8	69.4	68.1 69.7	68.3	68.3	68.4 70.1	68.5 70.1	68.5 70.1	68.6 70.2	68.6 70.2	68.6 70.2	68.6 70.3	68.7 70.3	68.7 70.3	70.4
≥ 3500 ≥ 3000	67.8	70.4	71.0	71.3	71.5	71.6	71.7 73.9	71.7	71.8	71.8	71.9	71.9 74.1	71.9	71.9	72.0	72.0
≥ 2500 ≥ 2000	71.8	75.1 77.7	75.7 78.4	76.1 78.8	76.4 79.2	76.4	76.6	76.6 79.4	76.6 79.5	76.7 79.6	76.8 79.6	76.8	76.8	76.8	76.9	70.9
≥ 1800 ≥ 1506	74.7 76.3 78.6	78,6 80,6 83.5	79.4 81.5	79.8 81.9	80.2 82.4	80.3 82.4	80.5 92.6		80.5	80.6	80.7 82.9	80.7 82.9	80.7 82.9	82.9	80.8	83.1
≥ 1200 ≥ 1000	79.8	85.3	86.4 87.4	85.1 87.1 88.2	85.6 87.6	85.6 87.7	85.9	88.2	86.0 88.2	€8.3	86.2 88.4	86 • 2 88 • 4	86.2	88.5	86.4 88.5	86.4
≥ 900	81.0 81.5	87.2 88.1	88.6	89.4	88.8 90.1	88.9 90.2	89.3 90.6	90.8	90.8	90.9	89.6 91.0	89.6 91.0	89.6 91.1	91.1	89.7 91.1	89.8 91.2
≥ 700 ≥ 600 ≥ 500	81.8	88.8	90.3	91.4	91.2 92.3 93.3	91.4 92.4 93.5	91.9 93.0 94.2		92 • 1 93 • 3 94 • 5	92.2 93.5 94.8	92.3 93.5 94.9	92.3 93.5 94.9	92.4 93.6 94.9	92 • 4 93 • 6 95 • 0	92.5 93.7 95.0	92.5 93.8 95.1
≥ 400	82.2	89.6 89.8	91.6	92.8	94.1	94.3	95.2	95.6	95.7		96.1 97.2	96.1 97.2	96.2	96.3	96.3 97.5	96.4
≥ 700 ≥ 100	82.2	89.B		93.2	94.7	95.0 95.1	96.1 96.2	96.7	96.9	97.5		97.9		98.1	98.3	
- E 100	20.00	89.8		93.3	94.8	95.1	96.2		97.0		98.0	98.1	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 26529

USAF ETAC RUCAL OF THIS FORM ARE OBSCIET

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ ⅓	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.7 52.9	48.3 54.9	48.5 55.1	48.7 55.4	48.9 55.5	48.9 55.6	49.0 55.7	49.1 55.8	49.1 55.8	49.2 55.9	49.2 55.9	49.2 55.0	49.3 56.0	49.3 56.0	49.3 55.0	
≥ 18000 ≥ 16000	53.1 53.5	55.1 55.5	55.4 55.7	55.6 56.0		55.9 56.2	56,0 50,3	56.0 56.4	56.0 56.4	56.1 56.5	56.2 56.5	56.2 56.5			56.3 56.6	56.5 56.8
≥ 14000 ≥ 12000	54.5 55.6	56.6 57.7	56.9 58.1	57.1 58.3	57.3 58.5	57,3 58,5		57.5 58.7	57.5 58.7	57.6 58.8		57.6 58.8	57.7 58.9	58.9	57.7 59.0	
≥ 10000 ≥ 9000	56.5 56.9	58.7 59.2	59.1 59.5		59.5	59.6		59.7 60.2	59.7 60.2	59.8 60.3	59.9 60.3	59.9 60.4	59.9 60.4	60.4	60.5	60.2
≥ 3000 ≥ 7000	57.7 58.8	60.1 01.2	61.5	61.8	62.1	62.1	62.2	62.3	61.2	61.3	61.3	61.3	62.5	62.5	62.5	62.8
≥ 6000 ≥ 5000	59.8 61.1 62.0	62.3 63.8	62.7 64.1	62.9 64.4 65.4	63.2 64.7 65.6	63.2 64.7 65.7	63.3 64.8 65.8	64.9	64.9	63.5 65.0 65.9	63.5 65.0	63.5	63.6	63.6 65.1	63.7 65.2 66.1	63.9 65.4 66.3
≥ 4500 ≥ 4000 ≥ 3500	63.)	65.9	66.4	66.7	66.9	56.9	67.1 68.6	65.8 67.1 68.7	65.8 67.1 68.7	67.2	66.0 67.3 68.8	66.0 67.3 68.8	66.1 67.4 68.9	67.4 68.9	67.4 69.0	67.6
≥ 3000	66.2	69.4	69,9 72.3	70.3	70.6	70.6 73.0	70.7 73.1	70.8	70.8	70.9	70.9 73.4	70.9	71.0	71.0	71.1	71.3
≥ 2000	70.5	74.4	75.0 76.0	75.5	75.8 76.9	75.8 76.9	76.0 77.1	76.1 77.1	76.1 77.1	76.2	76.2 77.3	76.2 77.3	76.3 77.4	76.3 77.4	76.4 77.5	
≥ 1500	72.9	77.4 80.0	78.2 80.9	78.7	79.1 81.9	79.1 81.9	79.3 82.1	79.4 82.2		79.5 82.4	79.6 82.4	79.6 82.4	79.6 82.5	79.7 82.5	79.7 82.6	79.9
≥ 900	75.9 76.3	81.9			64.0 85.0	84.1	84.3 85.4	84.4	84.4	84.6 85.7	84.7	84.7	84.8	84.8	84.8	
≥ 800	76.9	83.6	84.8		86.3			86.8 88.2	86.8	87.1	87.1 88.5	87.1 88.5	87.2 88.6	1 1 7	87.3	87.6
≥ 600	77.8	85.2 85.7	86.6		86.6		89.2 90.6		89.5	89.8 91.3	89.9			90.0	90.1 91.6	90.3 91.9
≥ 400	77.8	86,0		89.0	90.5	90.8	91.7	92.1	92.2	92.8			93.1	93.2	93.3	93.5
≥ 200	77.9	86,1		89.5 89.5	91.3	91.8	93.1	94.0		95.4	95.8		96.2	96.3	96.5	
≥ 0	77.9	86.1	88.0		91.4			94.1	94.4		96.2	96.2	96.7	97.1		100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 1014 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAR ANTONIO 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0000-0200

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ ?	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ ⅓	≥ ⅓	≥5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.9 48.6	46.6 50.5			47.9 51.8	47.9 51.8	40.2 52.1	48.2 52.1	48.2 52.1	48.4 52.3	48.5 52.4	48.5 52.4	48.6 52.5	48.6 52.5	48.7 52.6	49.0 52.9
≥ 18000 ≥ 16000	48.7	50.6 50.9	51.1 51.4	51.7	51.9 52.2	51.9 52.2	52.2 52.5	52.2 52.5	52.3 52.6	52.5 52.8	52.6 52.8	52.6 52.9	52.6 52.9	52.6 52.9	52.8 53.1	53.3
≥ 14000 ≥ 12000	49.5 50.3	51.4 52.2		52.3 53.1	52.8 53.6	52.8 53.6	53.1 53.9	53.1 53.0	53.1 53.9	53.4 54.1	53.4 54.2	53.4 54.2	53.5 54.3	53.5 54.3	53.6 54.4	53.9 54.7
≥ 10000 ≥ 9000	50.9	52.9 53.2	53.5 53.8		54.3 54.7	54.3 54.7	54.6 54.9	54.7 55.0	54.7 55.0	54.9 55.2	55.0 55.3	55.0 55.3	55.1 55.4	55.4	55.2 55.5	55.4 55.8
≥ 8000 ≥ 7000	52.1 53.0	56.2	54.8 55.6 56.9		55.7 56.5 57.8	55.7 56.5 57.8	55.9 56.8	56.0 56.9	56.0 56.9	56.2 57.1 58.4	56.3 57.2 58.5	56.3 57.2	50.4 57.3	56.4 57.3	56.5 57.4 58.7	56.8 57.7 58.9
≥ 6000 ≥ 5000 ≥ 4500	54.1 55.3	56.3 57.5 58.5		57.2 58.5	59.1		58.1 59.4 60.3	58.1 59.4	58.2 59.5 60.4	59.7	59.8 60.7	59.8 60.7	59.8 60.8			60.2
≥ 4000 ≥ 4000 ≥ 3500	57.1 58.0	59.6 60.7		60.6	61.2	61.2	51.5 62.7	61.4	61.6 62.8	61.8	61.9	61.9	62.0 63.2		62.1	62.4
≥ 3000	59.0	61.8		62.8	53.4 65.1	63.5	53.7 65.4	62.9	63.8	64.0	64.1 65.8	64.1	64.2	64.2	66.0	64.6
≥ 2000	62.6	65.9					58.1 69.1	69.1	68.1 69.1	68.3	68.5	68.5 69.5	68.6	68.6 69.6	68.7	68.9 69.9
≥ 1500	67.5	68.6 71.9	72.8	73.3	70.5	70.6 74.2	74.5	70.9	71.0 74.6	71.2	71.3 75.0	71.3 75.0	71.4	71.4 75.1	71.5 75.2	
≥ 1000 ≥ 900 ≥ 800	70.4	74.5	77.3	76.3 78.1	79.2	79.2	77.8	79.8	79.8	80.0	78.3 80.2	78.3 80.2	80.2	78.4 80.2 82.1	78.5 80.4 82.3	
≥ 700 ≥ 600	71.3 72.1 72.7	77.4 78.6 79.9	80.0	81.0	81.0 82.4 84.2	82.4	81.6 83.0 84.9	83.1	81.7 83.2 85.2	81.9 83.4 85.4	82.0 83.6 85.6	82.0 83.6 85.6	82.1 83.6 85.7	83.6	83.6 85.8	84.0
≥ 500 ≥ 400	73.2	81.2	83.0		86.1	86.3	37.0 89.1	87.2	87.3	87.5 89.9	87.7	87.7 90.1	87.8			88.2
≥ 300 ≥ 200	73.4	81.9	84.3	86.2	88.6	89.1	90.4	91.0	91.2	91.6	91.8	91.8	92.0	92.0		92.6
≥ 100 ≥ 0	73.5 73.5			1		89.8 89.8	91.5		53.0 93.0	94.0 94.1	95.0 95.1	95.0 95.2	95.8 96.2	96.1 96.5		97.8

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

RAHDOLPH AFB TEXAS/SAL ANTONIO 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0300=0500

CEILING			·				VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≳ 6	≥ 5	≥ 4	≥ 3	≥ 2'4	≥ 2	≥11/3	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.3	42.6 46.5	43.2 47.1	43.5 47.4			43.7 47.6		43.8 47.7			43.0 47.9			4.3	44.5 48.5
≥ 18000 ≥ 16000	44.2	46.8	47.3 47.4	47.6 47.7	47.7 47.8		47.8 47.9	47.8 48.0	47.8 48.0		48.0 48.2	48.0 48.2	48.1 48.3	48.2 48.3	4 ,4 40.5	48.6 48.8
≥ 14000 ≥ 12000	44.9	43.1		48.4	48.5	48.5			48.7			48.9	48.9 49.7			49.5 50.2
≥ 10000	46.6	49.0						50.6		50.8		50.6 50.8	50.6	50.9		51.2 51.4
≥ 8000 ≥ 7000	48.2	57.9	51.7	52.1	52.2			52.4	52.4	52.5	52.5	52.5	52.6	52.7	52.9	53.2
≥ 6000 ≥ 5000 ≤ 4500	49.1 50.1 50.7	51.9 52.9 53.6	52,7 53.7	53.0 54.0 54.8	54.2	54.2	53.3 54.3 55.1	54.4	53.4 54.4 55.2	54.6	54.6	53.6 54.6 55.4	54.7	54.8	55.0	55.2
≥ 4000	51.5 52.6	34.5	55.3	55.7		55.9 57.3	56.0	56.1	56.1 57.5	56.3			56.4	56.5	56.7	57.0
≥ 3000	53.6	57.0	57.8	58.2 60.3	58.4		56.5	58.6	58.6	58.8	58.9	58.9	59.0	59.1		59.5
≥ 2000 ≥ 1800	57.2 57.9	61.7	62.8	63.2	63.5	63.5	63.6	63.7	63.7	63.9		63.9	64.0	64.1	64.3	
≥ 1500	59.4 61.9		65.7 69.2	66.3 70.0		66.7 70.4		66.9 70.7			67.1 70.9	67.1 70.9			67.5 71.3	
≥ 1000 ≥ 900 ≥ 800	63.6	71.2	72.9		74.4	73.3 74.5	74.7	74.9		75.1	75.2	73.9 75.2	75.3	74.1 75.4		75.9
≥ 800 ≥ 700 ≥ 500	65.9	, , , , , ,	76.5	77.6	78.3	76.6 78.5	78.9	79.0	77.1	79.3		77.4	79.5	79.6	79.8	80.1
≥ 500 ≥ 400	66.8		79.0		81.8		82,8	61.9 82.9 85.1	81.0 82.9 85.2	83.4		81.5 83.5	83.6	83.7		84.3
≥ 300 ≥ 200	67.1	77.3	80.3	82.5		85.0	36.3	86.9	86.9	87.6		87.8	88.1	88.2	88.5	88.9
≥ 100 ≥ 0	67.1	77.3	80.4	82.9	,	85.8	87.5		88.6	90.4	90.9		92.6	93.2		96.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFB TEXAS/SAL ANTUNL: 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI8II	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ זיג	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.8 39.8	37.5 42.3		38.7 43.3		38.8 43.5		39.7 43.6	39.0 43.6			39.2 43.8	39.3 44.1	39.4 44.1	39.5 44.3	39.7 44.6
≥ 18000 ≥ 16000	40.0 40.3	42.6 42.7	43.2	43.5 43.5		43.8	43.9	43.9	43.9	44.0 44.2	44.1	44.4	44.3	44.4	44.6 44.8	44.9
≥ 1.000 ≥ 1.000	40.9 41.6		44.1 44.9	44.5 45.2	44.7	44.7	44.8 45.5	44 • B 45 • A	44.8 45.6	44.9 45.6	45.0 45.6	45.1 45.0	45.3 46.0	45.4	45.5 46.3	45.8 46.5
≥ 10000 ≥ 9000	42.3 42.6	45.0 45.4		46.0 46.4	46.2	46.2	1	46.4	46.4 46.8	46.4	46.5 47.0	46.6	46.8 47.3	47.0	47.2 47.6	
≥ 8000 ≥ 7000	43.3	46.3	47.0 48.1	47.3 48.4		47.5 48.6	47.7 48.8	47.7 48.3	47.7 48.8	47.8 48.9	47.9 49.0	48.0	48.2 49.3	48.4	48.6 49.6	
≥ 6000 ≥ 5000	45.4	, , ,	49.4		50.1	50.1 51.4	50.2		5C:3	50.3	50.5	50.5	50.7 52.1	50.9	51.1 52.5	51.4
≥ 4500 ≥ 4000	47.1 47.7			52.0 52.7	52.3 53.0	52.3 53.0	52.4 53.1	52.5 53.2	52.5 53.2	52.5 53.2	52.7 53.4	52.7 53.4	53.0 53.7	53.2	53.4 54.1	
≥ 3500 ≥ 3000	49.1 50.5	52.9 54.5	53.9 55.5	54.3 56.0	54.5 56.3	54.5 56.3	54.7 56.5	54.7 56.5	54.7 56.5	54.8 56.6	54.9 56.7	55.0 56.9	55.2 57.0	55.4 57.2	55.7 57.4	55.9 57.7
≥ 2500 ≥ 2000	52.3 54.4	56.7 59.3	57.7 60.6	58.3 61.2	58.6 61.6	58.6	58.8	58.8 61.9	58.8	58.9 62.0	59.1	59.1	59.4 62.4	59.6 62.6	59.8 62.8	60.1
≥ 1800 ≥ 1500	55.2 56.6	60.3	61.7	62.3	62.8	62.8	63.0	63.0	63.0	63.1	63.3	63.3	63.6	63.8	64.0	64.3
≥ 1200 ≥ 1000	58.6 59.9	65.2 57.3	66.9	68.0 70.4	68.6 71.2	68.6	60.9 71.5	69.0 71.7	69.1 71.8	69.2	69.3	69.4	69.6	69.8 72.5	70.1 72.8	70 • 4 73 • 1
≥ 000 ≥ 000	60.7	68.6 69.8	70.8	72.0 73.5	73.0 74.7	73.0 74.7	73.3 75.1	73.7 75.5	73.7 75.5	73.8 75.6	74.0 75.8	74.0 75.8	74.3	74.5 76.4	74.8	1
≥ 700 ≥ 600	62.0 62.4	70.9 72.0	73.5 74.8	74.9 76.4	76.1 77.8	76.3 77.9		77.0 78.9	77.1 78.9	77.4 79.3	77.6 79.5	77.6 79.5	78.0 80.0		78.5 80.5	i
≥ 500 ≥ 400	62.9 62.9		76.2 76.8	78.0 79.0	79.6 80.9	79.8 81.3	80.7 82.5	81 • 2 83 • 3	81.3 83.5	81.8 84.1	82.u 84.4	82.0 84.4	82.5 85.0	82.7 85.3	83.0 85.6	
≥ 300 ≥ 200	63.0 63.0	73.8 73.9	77.2	79.7 79.9	82.0 82.3	82.4 82.8		85 • 1 85 • 9	85.3 86.2	86.4 88.0		87·1 89·1	87.8 90.3	88.1 90.7	88.4 91.3	
≥ 100 ≥ 0	63.0 63.0		77.3 77.3	80.0 80.0	82.5 82.5	83.0 83.0	94.9 84.9		86.6 86.6		90.0 90.1	90.3	92.0 92.1	92.8 93.1	94.2 94.8	96.2

TOTAL NUMBER OF OBSERVATIONS_

0-14-5 (OLA) PREVIOUS EDITIONS C 415

CEILING VERSUS VISIBILITY

RANCOLPH AF6 TEXAS/SAN ANTONIO 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	<u> </u> 						VŧStBti	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.3 41.0	43.0		37.5 43.7	37.7 43.8	37.7 43.9		37.8 44.0	37.8 44.0	37.9 44.1	37.9 44.1	37.9 44.1	37.9 44.1	37.9 44.1	38.0 44.2	38.2 44.3
≥ 18000 ≥ 1600√	41.4 41.9	43.5	44.0	44.1 44.6		44.3 44.9		44.5 45.0	44.5	44.5 45.1	44.6	44.6 45.1	44.6	44.5	44.7 45.2	44.8
≥ 14000 ≥ 12000	42.8	45.7	45.4 46.3		45.7 46.6	45.8 46.6	45.8	45.9 46.2	45.9 46.8	46.0 46.8	46.0 46.9	46.0 46.3	46.0	46.0 46.9	46.1 47.3	45.2
≥ 10000 ≥ 9000	44.6	47.0	47.3 47.6		47.6 47.9	47.6 48.0		47.8 48.2	47.8 48.2	47.9 40.2	47.9 48.3	47.9 48.2	48.0 48.3	48.0 48.3	48.1 48.4	48.2 48.5
≥ 8000 ≥ 7000	45.7 46.7	48.2		48.9 50.1	49.1 50.3	49.1 50.4		49•3 50•5	49.3 50.6	49.4 50.6	49.4 50.6	49.4 50.5	49.4 50.7	49.4 50.7	49.6 50.8	49.7 50.9
≥ 6000 ≥ 5000	47.7 49.0	50.5 51.9	51.0 52.6	51.2 52.7	51.4 52.9	51.4 53.0	51.6 53.1	51.6 53.2	51.6 53.2	51.7 53.2	51.7 53.3	51.7	51.8 53.3	51.8 53.3	51.9 53.4	52.0 53.5
≥ 4500 ≥ 4000	49.7 50.4 51.5	52.8 53.6	53.5 54.4	53.7 54.5	53.8 54.7	53.9 54.8	5.9	54.1 55.0	54.1 55.0	54.2 55.0	54.2 55.1	54.2 55.1	54.2 55.1	54.2 55.1	54.3 55.2	54.4 55.3
≥ 3500 ≥ 3000	52.6 54.6	54.9 56.2 58.5	55.7 57.1 59.5	55.8 57.4	56.0 57.6	56.1 57.7	56.2 57.9	56.3 57.9	50.3 57.9		56.4 58.0	56.4 58.0	56.4 58.0	56.4 58.0	58.2	
≥ 2500 ≥ 2000 ≥ 1800	57.2 58.2	51.6 02.8	62.8	59.8 63.1	60.2	60.3	63.9	60.6	67.6		60.7	60.7	64.2	64.2	64.3	60.9
≥ 1800 ≥ 1500 ≥ 1200	59.9	65.1 68.7	64.1 66.4 70.1	64.4 67.0 70.9	64.9 67.5 71.4	65.0 67.7 71.6	47.9		65.3 68.0		65.4	65.5 68.2	65.5	65.5	65.6 68.3	68.4
≥ 1000	64.3	71.8	73.3	74.2 75.9	74.8	75.9 76.8		72.0 75.4	72.0 75.4	72.1 75.6	72.2 75.6	72.2 75.6	72.2 75.7		75.8	
≥ 800	65.4 66.0	74.2	76.3 77.8	77.5	78.3 80.7	78.5 80.9	78.9	77.3 79.1 81.9	77.3 79.1	77.5 79.4	77.6 79.4	77.6 79.5	77.7 79.6	77.7 79.6	79.7	
≥ 600	66.4	76.3 77.1	79.0 80.2	80.8			P3.2	83.7	81.9 83.7 86.4	82.2 84.1 87.2	82.3 84.3 87.4	82.3 84.3 87.4	82.4 84.5 87.8	82.4 84.5 87.8	32.6 34.6 87.9	84.7
≥ 400	66.8	77.4	80.6	83.1	85.0 35.8	85.6 86.4	۶7 . 1	88.1	88.3 9J.1	89.4	92.4		90.2	90.3	90.4	90.5
≥ 200	66.8	77.5	80.8	83.4	85.9 85.9	86.5	88.6			92.7	93.9	94.1	95.3	95.6 96.8	95.9	96.3
≥ 0	66.8	77.5	80.8	83.4	25.9	86.5	88.6	90.4			94.5		96.5	97.0	98.1	-

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC "OPM 0-14-5 (OLA) PREVIOUS FORTIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AEB TEXAS/SALL ANTONIO

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1200-1400

							VIEIDII	LITY (STATU	TE 4411 EC)	-						
CEILING			r — —				V131011	LITT (STATO	TE MILES)			,				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.5 49.2	~ •		42.9 50.9	43.2 51.1	43.2	43.2	43.2	43.2	43.2 51.2	43.3		43.3		43.3	43.3
≥ 18000 ≥ 16000	49.3 50.0	5).7	51.0	51.0 51.7	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4 52.11		51,4	51.4
≥ 14000 ≥ 12000	50.8	52.3 53.1	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9		53.0	53.0	53.0	53.0	53.0 53.9
≥ 10000 ≥ 9000	52.5	54.0	54.3	54.4	54.6	54.6 55.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7 55.1			
≥ 8000 ≥ 7000	53.8	55.4	55.7	55.8 57.0	56.1	56.1 57.2	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	
≥ 6000 ≥ 5000	55.7 51.5	57.4	57.7	57.8	58.1	58.1 60.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4500 ≥ 4000	58.1 59.1	60.0	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 3500 ≥ 3000	60.4	62.5	62.9	63.0	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 2500 ≥ 2000	66.0	68,6	69.1	69.3	69.6	69.5	69.6	69.6	69.7	59.7	66.2	69.7	69.7	69.7	69.7	69.7
≥ 1800 ≥ 1500	71.1 73.5	74.6	75.1	75 • 4	75.7	75.7	75.7	75.7	75.8	75.8	74.4 75.6	75.8	75.8	75.8	75.8	75.8
≥ 200 ≥ 1000	76.2	81.6	82.6	83.1	83.7	83.7	83.7	83.8	83.8	83.8	79.4 83.9	83.9	83.9	83.9	33.9	83.9
≥ 900 ≥ 800	77.9	84.6	86.0	86.6 88.0	87.4	87.4	87.5	87.5	87.6	87.7	86.4	87.7	87.7	87.7	87.7	87.7
≥ 700 ≥ 600	78.9 79.1	86.7	88.4	89.3	90.1	90.2	90.5	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 500 ≥ 400	79.3	87.6	89.9	91.3	92.6	92.9	93.6	93.9	94.1	94.5	92.5	94.6	94.7	94.7	94.7	94.7
≥ 300 ≥ 200	79.3	87.8	90.3	91.9	93.6	94.1	95.2	96.0	96.5	97.5	96.3 97.7	97.8	97.9	97.9	98.0	98.0
≥ 100	79.3	87.8	90.3	91.9	93.7	94.3	95.5	96.4	97.0	98.5	98.7 99.0	99.1	99.2	99.3	99.6	99.7
≥ 0	79.3	87.8	90.3	91.9	93.7	94.3	95.5	96.4	97.0	98,5	99.0	99.1	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC PULSA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911 RAMODLPH AFB TEXAS/SAL AUTCHILL

39-75

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1500_1700

CEILING							VISIBIL	UTAT2) YTI.	TE MILES)							
(FEFT)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.5 56.4	47.2 57.3	47.3 57.4	47.4 57.5	47.4 57.6	47.4 57.6	47.5 57.7	47.5 57.7	47.5 57.7			47.5 57.7	47.5 57.7	47.5 57.7	47.5 57.7	
≥ 18000 ≥ 16000	56.6 57.2	57.5 58.2	58.2	58.4		58.5	57.9 50.5	57.9 50.5		57.9 58.5	57.9 58.5	57.9 58.5	57.9 58.5	57.9 55.5	57.9 58.5	
≥ 14000 ≥ 12000		59.3 60.6	60.7	6C.9	59.6 61.0	61.0	59.6 61.0	61.0	61.0	59.6 61.0	59.6 61.0	59.6 61.0	59.6 61.0	61.0	59.6 61.0	61.0
≥ 10000 ≥ 9000	60.5			62.2	62.0 62.3	62.3	62.0	62.0 62.3	42.3	62.0 62.3		62.3	62.3	62.3	62.0 62.3	62.3
≥ 8000 ≥ 7000	62.1	63.2		63.4	63.5 64.6	64.4	63.5	64.6	63.5 64.6	63.5 64.6	63.5 64.6	64.5	63.5 64.6	64.6	63.5 64.6	64.6
≥ 6000 ≥ 5000	64.2	67.6	67.7	67.9	65.6 68.0		65.7 68.0	68.0	65.7 68.0	65.7 68.0	65.7 68.0	65.7 68.0	65.7 68.u	65.7	65.7 68.0	68.0
≥ 4500 ≥ 4000	69.0	68.8 70.5	68.9 70.6	69.0 70.7	69.1 70.8		59.2 7j.9	69.2 70.9	69.2 70.9	69.2 70.9	69.2 70.9	69.2 70.9	69.2 70.9	69.2 70.9	69.2 70.9	70.9
≥ 3500 ≥ 3000	70.7 73.5 76.3	72.3				75.9	72.7 75.9			72.7 75.9		72.7	72.7			75.9
≥ 2500 ≥ 2000	78.8	79.4	78.6 81.8	78.8 82.1	78.9 82.3	82.3	79.0			79.0 82.4	79.0 82.4	79.0 82.4	79.0 82.4	79.0 82.4	79.0	79.0 82.4
≥ '800 ≥ 1500	79.7 81.5	82.7 85.5 87.7	82.9 85.8 88.0	83 • 1 86 • 1 88 • 5	83.4 86.3 88.8	86.4		83.4	83.4 86.4 89.0	83.4	86.4	83.4		83.4 86.4 89.0	83.4 86.4 89.0	86.4
≥ 1200 ≥ 1000	83.5	88.5	88.9			90.1	88.9 90.2	90.3	90.3	89.0 90.3	90.3	89.0 90.3	90.3	90.3	90.3	90.3
≥ 900 ≥ 800	84.1	89.7	90.3			91.8	91.4		92.1 93.4	91.5 92.1	92.1	91.5 92.1 93.5	91.5 92.1 93.5	91.5 92.1	91.5 92.1 93.5	92.1
≥ 700 ≥ 600	84.5	90.7		92.6	93.5	93.7		93.4 94.2 95.7	94.3	93.5 94.5 96.2	94.5	94.5	94.5	93.5 94.5 96.2	94.5 96.2	94.5
≥ 500 ≥ 400	84.6 84.6	91.1	92.4	93.6		95.1	90.2	96.7		97.3	97.4	96 • 2 97 • 4		97.4	97.4	97.4
≥ 300 ≥ 200	R4.6	91.1	92.4	93.6	94.9	95.4	25.9	97.6	98.1	98.9	99.1	99.1		99.3	99.3	99.4
≥ 100 ≥ 0	84.6	91.1 91.1	92•4 92•4	93.6 93.6	94.9 94.9			97•7 97•7	98.2	98.9	99•4 99•4	99•4 99•4	99.5		99.7 99.8	00.0

TOTAL NUMBER OF OBSERVATIONS_

340

USAF ETAC FCRM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUT

63

CEILING VERSUS VISIBILITY

RANUOLPH AFR TEXAS/SAN ANTONIG 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIEI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥:1/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.9 59.4	53.1 60.6	53.2 60.7	53.2 60.8	53.4 61.1	53.4 61.1		53.5 61.1		53.5 61.1	53.5 51.1	53.5 61.1	53.5 6).1	53.5 61.1	53.5 61.1	53.5 61.2
≥ 18000 ≥ 16000	59.5 60.1	69.7 61.3	60,8	60.9	61.2 61.8	61.2 61.8	61.2	61.9	61.2	61.2	61.9		61.2	61.2	61.2	61.3
≥ 14000 ≥ 12000	61.9		62.5	62.7 63.5	62.9 63.7	53.7	63.0 53.8	63.C 63.E	63.0 63.8	63.0 63.8	63.0 63.8	63.r 63.R	63.0 63.8	63.0 63.8	63.0 63.8	63.8
≥ 10000 ≥ 9000	63.5	64.8			55.1 55.3		65.2 65.4	65.2 65.4	65.2 65.4	65.2 65.4	65.2 65.4	65.2 65.4	65.2 65.4	65.2 65.4	65.2 65.4	65.3 65.5
≥ 8000 ≥ 7°00	64.3 65.2				67.1	66.1 57.1	57.2		66.2 67.2	66.2 67.2	66.2 67.2	66.2 67.2	66.2	67.2	67.2	67.2
≥ 6000 ≥ 5000	67.6	69.2	69.3		68.0	69.7	49.8	68.1 69.8	68.1 69.8	68.1 69.8	68.1 69.8	69.8	69.8	68.1 69.8		68.1 69.8
≥ 4500 ≥ 4000	68.6 70.1	70.2	70.3	70.5 72.1	70.7	70.7	70.8	70.8 72.4	70.8	72.4	70.8	70 • P 72 • 4	70.8	70.8 72.4	70.8	70.8
≥ 3500 ≥ 3000	71.6	73.5 75.5	73.6 75.7	73.7 75.8	74.0 76.1	74.0 76.1	76.2	74.1 76.2	74 • 1 75 • 2	74.1 76.2	74.1 76.2	74 • 1 76 • 2	74.1 76.2	74.1 76.2	74.1 76.2	74.1 76.2
≥ 2500 ≥ 2000	75.2	77.6 80.0	77.8		78.2 80.8		30.9		78.3 80.9			78.3 80.9	78.3 80.9		80.9	
≥ 1800 ≥ 1500	78.4 86.4			85.0	82.7 85.3		95.5	82.8 85.5				82.8 85.5	85.5	85.5		82.9 85.6
≥ 100°	81.3 82.3	87.5	88.2	86.9			39.7	89.8	89.8	87.8 89.8	87.8 89.3	87.8 89.8	89.8	87.8 89.8	89.8	87.8
≥ 900 a: 800	82.6	88.8	89.7			91.0	91.4	90•5 91•5			90.5 91.6	90.5 91.6		90 • 5 91 • 6	91.6	90.6
≥ 700		89.8		90.7 91.4	91.5 92.2	92.3	92.9 92.9		92•1 93•0	92.2 93.1	92 • 2 93 • 1	93.1	92.2	92•2 93•1	92.2	92.3
≥ 500 ≥ 400		90.3	91.4	92.3 92.5	93.1 93.6		1.0		95.3	95.6	94.4	95.7	94.4	94 • 4 95 • 7	95.7	94.5
≥ 300 ≥ 200		90.5		92.7		94.3	95.5	96.2	96.6	97.8	97•1 98•2	97•1 98•3	97.1 98.4	97•1 98••	98.4	97•2 98•5
≥ 100	83.6	90.5	91.7 91.7	92.7 92.7	94.0 94.0	94.3	95.5 95.6	96.4 96.4		98.1 98.1	93.7 98.7	98.8 98.9	99.0	99.1	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS____

USAFETAC TOPM 0-14-5 (OLA) PREVIOUS EDITIONS C THIS FORM ARE OBSOLETE

C

CEILING VERSUS VISIBILITY

RAHDULPH AFB TEXAS/SAH ANTOHIL 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)							İ
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ ३	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50. წ 55.4	52.2 56.9	52.6 57.4	2.8 57.6			53.2 58.0		53.3 58.1	53.3 5°.2	53.3 58.2	53•3 58•2	53.4 58.3	53.4 58.3	53.5 58.4	
≥ 18000 ≥ 16000	55.5 55.9	57.1 57.5	57.6 58.0		58.1 58.6	59.7	51.7		58.3 58.8	58.4 58.9	58.4 58.9	58.4 58.0	58.5 59.0	58.5 59.0	58.7 59.1	58.8 59.2
≥ 14000 ≥ 12000		58.7		58.9 59.4		59.9	60	59.5 60.0			59.5 50.1	59.5 60.1	59.7 64.2		59.8 50.3	6C.5
≥ 10000 ≥ 9000	57.9 58.1	59.8	60.4	60.6	61.0		41.2	61.0	61.2	61.3	61.0 61.3	61.3	61.2 61.4	61.4	61.3 61.5	61.7
≥ 3000 ≥ 7000		61.6		62.3	61.6 62.8	62.9	53.0		63.1	63.1	62.0 63.1	62.0 63.1	62.1 63.3	63.3		63.5
≥ 6000 ≥ 5000	60.4	63.8	64.4			65.1	55.3	63.9 65.3	65.3	64.0	64.0 65.4	64.0 65.4	64.1 65.5		53.6	
≥ 4500 ≥ 4000	62.3	65.7	66.4	66.6		67.1	67.3	65.9	57.3	67.4	66.0	67.4		67.5		67.8
≥ 3500 ≥ 3000	64.3 65.9 67.8	66.8 68.5	67.4 69.2	69.4	68.1 69.9			68.4 70.1	70.1	68.4 70.2	58.4 70.2	70.2	68.6 70.3	70.3	70.4	70.6
≥ 2500 ≥ 2000	69.8	73.2	71.5		74.8	74.9	72.5	72.6 75.1	72.6 75.1	72.7	72.7 75.2	72.7	72.8	72.8	72.9	75.5
≥ 1800 ≥ 1500 ≥ 1200	71.0 72.6 74.9	74.5 76.7 79.7	75.3 77.5 80.6	77.8	76.2 78.3 81.6	76.3 78.4 81.7		76.5 78.6 81.9		76.5 79.7	76.5 78.7	76.5 78.7	76.7 78.8	76.7 78.9 82.1	79.5 82.4	
≥ 1000	76.6		83.5 84.6	83.8	34.5	84.6 85.9	84.8	84.9 86.2	84.9	82.0 85.0 85.3	82.0 85.0 86.3	82.0 85.0 86.3	82.1 85.2 86.4	85.2 86.4	85.4	
≥ 900 ≥ 800 ≥ 700	78.2 78.9	84.7	86.0 87.1	86.4	87.2	-	87.5	_	-	87.7 89.1	87.8 89.1	87.9 89.1	87.9 89.2	87.9	88.1	88.2
≥ 500	79.1	86.2	87.6	88.2		89.5	92.0		90.1	90.2	90.3	90.3 91.8	90.4	90.4	90.6 92.1	
≥ 400	79.6 79.6	87,3		90.1	91.5		92.8	93.2		93.4	, -	93.5	93.6 95.1	93.6	93.9	94.0
≥ 200	79.5	87.4	89.2	90.4	92.4	93.0	94.3	95.2		96.4	96.6 97.6	96.6 97.5	97.1	97.2	97.4	
≥ 0	79.6	87.5	89.2		92.6			95.5		97.2	97.8	97.2	98.4	98.5	99.1	معمما

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AP. OSSOCIETE

CEILING VERSUS VISIBILITY

12911

RAMUOLPH AFE TEXAS/SAN ANTONIU

30-75

EEB.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0000=0200

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 1/4	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.6 47.5	45.2 49.4	45.5 49.8	45.7 50.0	46.0 50.3		40.2 55	46.2 50.5	46.3 50.6	46.3 50.6	46.3 50.7	46.4 50.7	46.4 50.8	46.4 50.8		46.5 51.0
≥ 18000 ≥ 16000	48.0 48.7	49.7 5;.5	,	50.3 51.1	50.6 51.4	50.7 51.5	50.8 =1.6	50.9 51.7	50.9 51.7	51.0 51.8	51.0 51.8	51.1 51.9	51.1 51.9	51.1 51.9	51.2 52.0	51.3 52.1
≥ 14000 ≥ 12000	49.7 50.6	51.5 52.4		52·2 53·1	52.5 53.4	52.5 53.4	52.7 53.6	52.7 53.6	52.8 53.7	52.8 53.7	52.9 53.8	52.9 53.9	52.9 53.8	52.9 53.8	53.0 53.9	53.2 54.1
≥ 10000 ≥ 9000	50.9 51.2	53.1	53.2 53.6	53.5 53.8	53.d 54.1	53.8 54.1	53.9 54.3	54.7 54.3	54.0 54.4	54.1 54.5	54.2 54.5	54.2 54.6	54.2 54.6	54.2 54.6	54.3 54.7	54.5 54.8
≥ 8000 ≥ 7000	52.2 52.3	54.9		54.8 55.5	55.2 55.8	55.2 55.8	55.4 56.0	55.4 56.0	55.5 56.1	55.6 56.2	55.6 56.2	55.7 56.2	55.7 56.3	55.7 56.3	55.8 56.4	55.9 56.5
≥ 6000 ≥ 5000	53.4 54.0		55.8 56.9	56.0 57.2	56.4 57.5	56.4 57.6	56.6 57.7	56.6 57.8	56.7 57.8	56.8 57.9	56.8 58.0	56.°	56.9 58.0	56,9 58.0	57.0 58.1	57.1 58.3
≥ 4500 ≥ 4000	54.7 55.5	57.2 59.3	57.8 58.9	58.2 59.2	58.5 59.6	58.5 59.6	56.8 59.8	58.8 59.8	58.9 59.9	58,9 60.0	59.0 60.0	59.0 60.1	59.1 60.1	59.1 60.1	59.2 60.2	59.3 60.3
≥ 3500	56.2	<u>50.6</u>	59.7 61.2	00.1 51.5	61.9	60.6 62.0	62.2	60.3 62.2	62.3	61.0 62.4	51.0 62.4	61.1 62.5	61.1 62.5	61.1 62.5	61.2 62.6	61.3
≥ 2500 ≥ 2000	59.0 61.3	65.C	65.6	60.1	66.6		64.2 £5.9	66.9		64.3 67.0	67.1	67.1	64.5 67.2	67.2	64.6 67.3	
≥ 1800 ≥ 1500	64.6	65.9 68.8		67.1 70.1	67.6 70.6	47.7 70.7	7.9	71.0	68.0 71.0	68.1 71.1	68.1 71.2	68.2	68.2		68.3 71.3	68.4 71.5
≥ 1200 ≥ 1000	67.1 69.1	71.9 74.6	72.6	73.4	74.1 77.0		74.5		74.6	74.7	74.7 77.9		74.8 78.ς	78.0	74.9 78.1	78.2
≥ 900 ≥ 800	70.5 71.7	73.8 78.6	79.7	78.8 80.7	31.5	81.7	80.2 82.1	80.2 82.2		80.3 82.4	80.4 82.4	80.4 82.5	80.5 82.5	80.5 82.5	80.6 82.6	
≥ 700 ≥ 600	72.6	80.0 81.1	81.2 82.5	82.5 83.9				65.9		84.4 86.1	84.4	84.5	84.5 86.3		86.4	84.8 86.5
≥ 500 ≥ 400	73.9		84.8		87.2 88.5	80.8	88.1	20.0		88.5 90.4	88.6 90.4		88.7 9.16	90.5		911.9
≥ 300 ≥ 200	74.5		85.7	87.7 28.1	99.6	90.7	92.2	92.2	93.0	92.3 94.1	94.6	94.7	92.0 95.1	95.2	92.8	95.5
≥ 100 ≥ 0	74.6	-	85.8	68.1 88.1	90.3 90.3	90.8	92.4 92.4	93.2	93.4	94.8 94.9	95.5 95.9	95.9 96.1	96.8 97.1	97.1 97.4	97.3 97.9	98.1

TOTAL NUMBER OF OBSERVATIONS 2052

USAF ETAC 1916 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PRECESSING ER Cr USAF ETAC AIR WEATHER SERVICE/ JAC

CEILING VERSUS VISIBILITY

12911 RA WOLPH AEB TEXAS/SALL ANTUNIT 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_03<u>0</u>0500500

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 27/2	≥ ?	≥1%	≥ 1%	≥ ≀	≥ ¼	≥ %	≥ ⅓	≥ 5/16	≥ ''	≥ 0
NO CEILING ≥ 20000	37.9 43.7	39.8 43.0	40.2 43.6		46.6 44.1	49.6 44.1	40.7 44.2	40.7 44.2	40.7 44.2	40.8 44.3	40.9	40.0 44.4	41.0 44.5	41.0 44.5		41.1 44.6
≥ 18000 ≥ 16000	40.9 41.4	43.7	43.6 44.3	44.1 44.6	44.3 44.8		44.4	44.4		44.5 45.0	44.6 45.1	44.5 45.1	44.7 45.2	44.7 45.2	44.7 45.2	44.8
≥ 14000 ≥ 12000	42.6	45.7	45.5 46.4		46.0 46.3	44.3	46.1 46.9	46.1 46.9		46.2 47.1	46.3 47.1	46.3	46.4 47.2	46.4 47.2	46.4 47.2	46.5 47.3
≥ 10000	43.9	46.3 46.5	47.2	47.4	47.4 47.6	47.6	47.5						47.8 48.0	47.8 48.0	48.0	
≥ 8000 ≥ 7000	45.2 45.8	47.6 49.4	48.3 49.1	48.6	48.8 49.5	49.5	48.9 49.7	48.9 49.7	49.7		49.1 49.9	49.1	49.2		49.2 50.0	50.1
≥ 6000 ≥ 5000	46.4	49.0 50.0		51.C	50.1 51.2			50.2 51.4	51.4	5 .5	51.6	51.6	50.5 51.6	يتبين في السبب	50.0	51.8
≥ 4500 ≥ 4700 ≥ 3500	47.9 49.0 49.9	50.8 52.1 53.1	51.6 52.9	53.2	52.2 53.5	53.5	53.7	53.7	53.7	53.8	52.5 53.9	53.5	54.0	54.0		54.1
≥ 3000	51.0	• •-	54.0 55.2 57.8		54.6 56.0	56.C	56.2	56.2	56.2	56.3		56.4	56.5	56.5	56.5	56.6
≥ 2500 ≥ 2000 ≥ 1800		59.4	60.4	61.0	61.5		51.8	58.9	61.8	61.9	62.		62.1		52.1	
≥ 1800 ≥ 1500 ≥ 1200	58.3	43.5		65.3		66.0	66.2	62.8 66.2 69.9	66.2	66.3	66.5	63.1 65.5 70.2		63.2 66.6 70.3	66.6	
≥ 1000	62.6	69.4		71.7		72.8	73.1	73.1	73.1	73.2	73.4	73.4	73.5	73.6		73.7
≥ 800	64.8	72.8	74.7	75.8	76.8	74.9	77.0	77.4	77.4	77.6	77.8 79.5	77.8		77.9	78.0 79.7	78.1
≥ 600		74.9	77.3	78.6 80.2	80.0		R 1.6	80.7	8.1.7		81.1	81.2	81.3 83.5	81.3	81.3	
≥ 400	66.8	77.1	80.1	81.9	84.0	84.2	85.2	85.4	85.5	86.0		86.2	89.5	86.3		86.5
≥ 200	67.3	78.3	21.7	83.9	86.9	87.2	89.4	90.2	90.3	91.8	92.4	92.5	93.0	93.0	93.2	
≥ 0	57.3	79.3			87.1			90.6				94.0		_		٥٠٥٥

TOTAL NUMBER OF OBSERVATIONS ____

USAFETAC JUST 0-14-5 (OLA) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911 RANDALPH AFE TEXAS/SAL ANTIMID 39-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>ഫഫ്ലോട്ടറുജ്ഞ</u>

CELLING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥16	≥ 11/4	≥1	≥ ¾	≥ 1/4	≥ 15	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.7 30.8	36.6 40.1	37.1 40.8	37.4 41.1	37.7 41.6	37.7 41.6	37.8 41.7	37.8	37.9 41.8	38.1 42.1	38.1 42.1	38.1 42.1	38.3 42.3	38.4 42.4	38.5 42.5	38.8 42.3
≥ 38000 ≥ 16000	37.0 37.3	40.3	41.0 41.3	41.4 41.7	41.8 42.1	41.8 42.1	41.9 42.2	42.3	42.0 42.3	42.3 42.7	42.4 42.7	42.4	42.5 42.8	42.6 42.9	42.7 43.1	43.0
≥ 14000 ≥ 12000	38.6 39.5	42.1 43.1	42.7 43.7	43.1 44.1	43.5 44.6	43.5 44.6	43.6	43.7	43.7 44.8	44.1 45.1	44.1 45.2	44.1 45.2	44.2 45.3	44.3	44.5 45.5	44.8
≥ 10000	40.5	44.2	44.8	45.2 45.4	45.6 45.8	45.6 45.8		45.2	45.8 46.0	46.2 46.4	46.2 46.4	46.2 46.4	46.3 46.5	46.4	46.6	46.9
≥ 3000 ≥ 7000	41.5 42.5	45.3 46.3	45.9 46.9	46.3 47.3	46.7 47.7	46.7 47.7	46.8 47.8	46.9 +7.9	46.9 47.9	47.2 45.3	47.3 48.3	47.3	47.4 48.4	47.5 48.5	47.6 48.7	47.9 49.0
≥ 6000 ≥ 5000	43.1 43.9	47.1 48.1	47.7 48.7	48.2 49.2	48.7 49.7	49.7 49.7	48.8 49.8	48.9 49.9	48.9 49.9	49.2 50.2	49.2 50.3	49.2 50.3	49.4 50.4	49.5 50.5	49.6 50.6	49.9 50.9
≥ 4500 ≥ 4000	44.8	48.9 50.2	49.6 50.9	50.0	50.6 52.0	50.6 52.0	50.7 52.1	50.° 52.3		51.1 52.6	51.7	51.2 52.7	51.3 52.8	51.4 52.9	51.5 53.)	51.9 53.3
≥ 3500 ≥ 3000	46.7 48.1	51.4 53.0	52.1 53.7	52.6 54.3	53.2 55.0		53.3 55.1	53.5 55.3	53.5 55.3	53.8 55.7	53.9 55.7	53.9 55.7	54.6 55.8	55.9	54.2 56.1	54.6 56.4
≥ 2500 ≥ 2000	50.0	55.1 57.5	55.8 53.5		57.2 60.1	60.2	57.5 60.5	57.6 60.7	57.7 60.7	58.0 61.1	58.1 51.1	58.1 61.1	58.2 61.3	58.3	58.4 61.5	58.7 61.9
≥ 1800 ≥ 1500	52.7 54.4	58.4 60.7	59.4 61.8		61.5	63.5			54.2	62.0 64.6	52.1 54.6	62 • 1 64 • 6	62.2 64.8	62.3 64.9	62.5 65.u	62.8
≥ 1000	56.8 58.3	63.9	65.2 67.9		67.2 70.1	67.4 70.3	67.8		71.1	71.6	71.6	68.5	68.6 71.8	68.7	68.9 72.1	69.2 72.4
≥ 900 ≥ 800	59.9	67.7 69.3	69,5 71.2	70.6 72.5	71.8		72.5	73.0		73.5 75.7	73 • 5 75 • 8	73.5 75.8	73.7 76.5	76.1	74.0 75.3	74.4 76.6
≥ 700 ≥ 600	60.5 60.8	70.4			75.7 77.3		76.6 78.6	77.0 79.1	77.2 79.2	77.8 79.9	77.8 80.0	77.3 80.0	78 • 1 80 • 2		78.3 80.5	36.9
≥ 500 ≥ 400	61.2		74.7	77.4	78.6 79.9	80.4	AZ.C	81.1 83.1	P3.3	82.1	82.3 84.5	82.3 84.5	92.5 84.8	84.9	82.8 85.1	85.5
≥ 300 ≥ 200	61.4 61.5	73.2		78.6	81.2 81.9	82.4	P5.2		- 4	86.9 89.1	89.7	87.4 89.0	87.8 9u.2		88.1 91.4	88.7 92.1
≥ 100	61.5	73.2 73.2	76.5 76.5		82.0 82.0		85.4 85.4	87.4 87.4	87.9 87.9	89.8 89.9	91.0 91.0	91.3 91.4	92.5 92.8	93.0 93.4	94.1 94.9	96.1

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

RANGOLPH AFE TEXAS/SAL ANTUNIO 9-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. va⁶⁶²/1166

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'3	≥ 2	≥ ויז	≥ 11.	≥ 1	≥ 1,4	2.46	≥ 'ว	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.4 41.4	37.5 44.0	37.9 44.5	38.0 44.6	38.4 45.0	38.4	33.4 43.0	38.4 45.1	38.4 45.1	38.5 45.1	38.5	38.5 45.1	38.5 45.2	38.5 45.2	38.6 45.3	38.7 45.4
≥ 18000 ≥ 16000	41.6 41.8	44.3 44.5	44.8 45.1	45.0 45.2	45.5 45.6	45.3 45.6	45.3	45.4 45.7	44	45.5 45.7	45.5	45.5	45.5 45.7	45.5 45.7	45.6 45.9	45.7 45.9
≥ 14000 ≥ 12000	42.0 43.6	45.5	46.0 46.9	45.2 47.1	46.5	46.5	40.5	46.5	46.6 47.5	44.7 47.5	46.7 47.5	46.7	46.7 47.6	46.7	46.8 47.7	46.°
≥ .0000 ≥ 6000	44.7 45.1	47.5 47.9	48.5 48.5	48.2 48.6	48.6 42.0	49.0	48.6 49.0	49.7	48.7	40.7 49.1	48.7 49.1	48.7	46.7	48.7 49.1	48.9 49.3	48.4
≥ 8000 > 7000	45.7 46.7	48.7	49.2 50.2	4. 4 50.4	49.7 50.8	50.8	49.7	49.8 50.9	49.8 50.9	49.9 50.9	49.9 50.9	49.9 50.0	49.9 50.9		50.0 51.1	50 · 1
≥ 6000 ≥ 5000	47.5 48.5		51.i 52.3	51.3 52.5	51.7 53.0	51.7 53.0	51.7 53.0	51.8 53.1	51.8 53.1	51.8 53.1	51.n 53.1	51.9 53.1	51.8	51.8 53.2	52.0 53.3	52.0 53.4
≥ 4500 ≥ 4000	49.0 50.1	52.2 53.5	52.8 54.1	53.1 54.4	53.5 54.8	53.6 54.8	53.6 54.8	53.7 54.9	53.7 54.9	53.7 55.0	53.7 55.0	53.7 55.0	53.7 55.0	53.7 55.0	53.9 55.1	53.9
≥ 3500 ≥ 3000	51.1 52.3	54.6 56.1	55.2 56.7	55.5 57.1	56.0 57.6	56.0 57.6	56.0 57.6	56.1 57.7	56.1 57.7	56.2 57.8	56.2 57.8	56.2 57.9	56.2 57.8	56.2 57.8	56.3 57.9	56.4 58.0
≥ 2500 ≥ 2000	56.6	58.6	59.3	59.7 62.8	60.2	60.3	63.6	60.5 63.8	63.5 63.8	63.8	60.5 63.5	60.5 53.9	60.6 63.8	60.6 63.8	60.7 64.0	60.8
≥ 1800 ≥ 1500	57.8 60.3	62.8	63.8		65.1	65.2 68.5	55.2	65.4 68.8	65,4	65.4	65.4 68.8	65.4 68.2	65.5 68.8	65.5 68.8	65.6 68.9	65.7 69.0
≥ 1200 ≥ 1000	62.8	72.0	70.9 73.5	71.5	72.3 75.2	72.5	72.6 75.7	72.8 75.0		72.9 76.1	72.9 76.1	72.9 75.1	72.9	72.9 76.1	73.1 76.3	73.1 76.3
_ 900	65.1	73.2		78.1	77.2 79.5	79.8	Bue 2	78.0 80.6		79. 8c.3	ر. 78 شفت	78.1 80.9	80.8		78.3	78.4 81.0
½ 700 600	66.6		79.6	81	81.7 83.3	83.9	84.7	83.4	85.3		83.8 85.7	83.8 85.7	85.7	83.8 85.7		
≥ 500 ≥ 400	67.2	77.6	80.4	83.4		87.0		87.6	89.6	88.2 90.4	80.4 90.0	90.1	88.5 91.0		88.7 91.2	91.2
≥ 300	67.5	78,4	31.5	84.2	87.4	88.6	95	92.1	92.5	93.0	93.7 95.3	93.7 95.5	94.0	96.1	94.3 96.5	96.8
≥ 100	67.5		81.5		87.8 67.8		1 0	92·3 92·3		94.6 94.6		95.9 96.1	96.8	97.0 97.3	97.8 98.4	98.7

USAFETA " 104 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

CEILING VERSUS VISIBILITY

12911 RANCOLPH AFB TEXAS/SAL ANTORIC 19-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)							Ì
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥1%	≥1%	≥ 1	≥ 3,	≥ 1/4	≥ '5	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20°00	43.4 51.6	44.5 53.0	44.7 53.3	44.R 53.4	44.9 53.5	45.0 53.6			45 1 5ءء7	45.1 53.7	45.1 53.5	45.1 53.9	45.1 53.8	45.1 52.8	4ジ。1 53。8	45.1 53.8
≥ 18000 ≥ 16000	52.1 52.9	53.5 54.3	53.8 54.6	53.9 54.7	54.1 54.9	54.1 54.9	54.2 55.0	- 1	54.3 55.0	54.3 55.0		54.3 55.1	54.3 55.1	54.3 55.1	54.3 55.1	54.3 55.1
≥ 14000 ≥ 12000		55.1 55.8	55.4 56.1	55.5 56.2	55.6 56.3		55.8 56.5		55.8 56.5	56.5	55.9 56.5	55.9 56.5	55.9 56.5		56.5	
≥ °300 ≥ 9000		56.9	56.8 57.2			57.0 57.5			57.2 57.6			57.7 57.7			57.2 57.7	57.7
≥ 8000 ≥ 7000		58,6		58.1 59.0		59.3	55.2	59.3	56.4 59.3	59.3	59.3	58.5 59.3	59.3			59.3
≥ 6000 ≥ 5000	57.6 58.8	60.5	60.8	60.9		59.9 61.1	61.2	61.2	61.2	61.2	61.3	60.3 61.3	61.3	61.3		61.3
≥ 4500 ≥ 4000	59.3 60.7			62.9		61.6	53.2	63.2	61.8	63.2	63.3	61.8 63.3	63.3	63.3	63.3	
≥ 3500 ≥ 3000	62.2	66.9		67.4	67.6		67.7	67.P	64.9 67.8	67.8	67.8	65.0 67.2	67.8	67.8	65.0	67.8
≥ 2500	67.6					71.2	75.3	71.3 75.4	71.3 75.4	75.4		71.4 75.4	75.4	71.4	71.4 75.4	75.4
≥ 1800 ≥ '500		74.7	76.2 79.3	79.7	76.8 80.1	80.2	93	80.4		80.4	80.4	77.0	80.4	30.4	80.4	30.4
≥ 1200 ≥ 1000	77.0	84.4	83.0	86.1	84.0 86.7	84.1		84.4	84.4. 87.3	87.4	84.5 97.4	84.5 87.4	87.	84.5	87.4	84.5
200 ≤	79.0	86,5		8.86	88 • 1 89 • 4		94.0	90.1	88.7 90.1	90.3	88.9 90.3	88.9 90.3		90.3	90.3	90.3
≥ 700 > 600	79.7 80.2	87.1 88.1	88.6	91.0	90.6	92.2	92.7	93.0	91.5 93.1	93.3	91.7	91.7	93.3	91.7	91.7	91.7
≥ 500 ≥ 400	80.2	88.8	90.2	92.4	93.0	94.1	94.8	94.6	94 • 8 95 • 8	96.3	95.3	95.3 96.5	96.5	95.3	95.3	95.3 96.5
≥ 300 ≥ 200	80.3	89.0	90.8		94.3		95.7	96.5	96.8 97.0		98.0 98.8	98.0 98.3	99.1	98.0	98.0 99.1	99.1
≥ 100 ≥ 0	80.3		90.9		94.3			96•7 96•7	97•1 97•1	98.6 98.6	99.1 99.1	99.2	99.5	99.5 99.7	99.3	99.6 100.0

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC "ORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RA'SUBLPH AFB TEXAS/SAN ANTENIO 49-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1500=1700

CEILING							ViSIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1'4	≥ 1	≥ ¾	≥ 56	≥ ′2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	40.9 57.7	47.8 30.0	47.9 59.0	47.9 59.0	47.9 59.1	47.9 59.1	43.0 53.2		48.1 59.2	48.1 59.4	48.1 59.4	48.1 59.4	48.2 59.4	48.2 59.4	48.2 59.4	59.4
≥ 18000 ≥ 16000	50.1 59.1	59.3 69.3	59.5 60.5	59.5 60.5	59.6 60.0	59.6	59.7 66.7	5°.7	59.7 60.7	59.9 6∩.9	59.7 60.9	59.9 60.9	59.9 60.9	59.9 60.9	59.9 60.9	59.9 60.9
≥ 14000 ≥ 2000	59.9 61.J	61.1 52.2	61.2		62.5	51.3	61.4 62.5	62.5	61.5		61.6 62.8	61.5		61.7 62.8	62.0	
≥ 10000 ≥ 9000	62.4	53.2 53.6		63.9	63.4	63.9	44.0			64.2	63.7	63.7	63.8	63.8	64.3	64.3
≥ 8000 ≥ 7000	63.9 64.3	65.2 66.1 67.0	65.4 66.3	65.5 66.4	65.5 66.4	65.5	65.6 65.5	65.6 66.4	65.6		65.8		65.8	65.8	66.8	66.8
≥ 6000 ≥ 5000	66.7	68.2		67.3 68.6 69.7	67.4 68.7 69.8	67.4 69.8	67.5 69.9		67.5 68.8 69.9	67.7 69.0				67.7 69.0	69.0	
≥ 3500	69.5 71.6	71.3	71.6		71.8	71.8	71.9	71.9	71.9	72.1	70.1 72.1 74.2		70.1 72.1 74.2	70 • 1 72 • 1 74 • 2	70.1 72.1 74.2	72.1
≥ 3000	74.0	76.1 79.1	76.5 79.5	76.5			76.7 79.9	76.8	70.8	76.9			77.0	77.0	77.0	77.0
≥ 2000	78.9		82.3	82.4				82.8		82.9	82.9	82.9	83.0	83.0 84.0	83.0	83.0
≥ 1500	81.0	87.1	85.2		85.6	85.6 08.6	85.9 88.8			86.1	86.1 89.1	86.1 89.1	86.1	86.1 89.1	96.1	86.1 89.1
≥ 1000	83.5	88.2	89.7	89.6 90.2		90.7	91.0	91.1	90 • 4 91 • 1	91.3	91.3	91.3		90.6		
≥ 800 ≥ 700 ≥ 600	84.7	90.1	91.3	92.0	91.4	92.6	93.0	93.0	92 • 1 93 • 2		92.2	1	93.4	92.2 93.4		
≥ 500 ≥ 400	85.1	91.2	91.8	92.6 93.4	93.2	94.4	95.1	95.6	95.6	96.1	94.2	94.2	96.2	94.2		
≥ 300 ≥ 200	85.1 85.1 85.1	91.3 91.3		93.7 93.9 93.9	-	94.8 95.2 95.3	95.6 96.2 96.4	97.1	96.4 97.3 97.4	98.2		97.1 98.4 99.1	98.6	97.1 98.6 99.3		- 1
≥ 100 ≥ 0	85.1	91.3	92.7	93.9		95.3	96.4	97.3	97.5 97.5		99.1	99.3	99.7	99.8	99.3	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 3045

USAF ETAC $^{60RM}_{371.64}$ 0.14-5 (OL A) previous editions of this form are casolete

CEILING VERSUS VISIBILITY

RANDULPH AFB TEXAS/SAN ANTONIO 39-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1800-2000</u>

CEILING							VISIBIL	JIATZ) YTA	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1'2	≥ יו	≥ 1	≥ 3,	≥ ',	≥ ⅓	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	50.9 60.2	51.9 61.5	52.1 61.8	52.2 62.0	52.2 62.3	52.3 62.1		5?.3 62.2	52.3 62.2			52. 62.3	52.4 62.3	52.4 62.3		
≥ 18000 ≥ 16000	60.6			62.5 63.1	62.5 63.1	62.6	52.6	1	62.7		52.8 53.4	63.4	62.8 63.4	62.8 63.4		62.3
≥ 14600 ≥ 12000	63.0 63.9	65.3	64.7 65.6				65.1 65.9	65.1 66.1	65.1	65.2 66.1	65, ₂	65.2	65.2 56.1	65.2 55.1	65.2 66.1	65.3
≥ 10000 ≥ 9000	65.0	67.0		67.0 67.5			67.6	67.7		67.8	67.3		67,3 67.8	67.3 67.8	67.3 67.8	
≥ 8000 ≥ 7000	65.7		69.5		69.8		69.9	69.9		70.0	70.0	69.1 70.0		69.1 70.0	70.0	70.1
- 5000 - 5000	68.3	71.5	71.8	72.1	72.2	72.3	72.3	72.3	70.7 72.4	72.5	72.5			70.8	72.5	72.5
≥ 4500 ≥ 4000	70.7	73.8		74.4	74.6	73.3	74.7	74.9	73.4	74.9	73.5	73.5 74.9	73.5 74.9	73.5	74.9	74.9
≥ 3500 ≥ 3000	73.6 75.3	77,5	76,0 78,0	78.4	78.6	78,7	76.8	76.8 78.8	76.8 78.8	78.9	76.9 78.9	79.9	78.9	76.9 78.9	78.9	79.0
≥ 2500 ≥ 2000	77.5	79.9 82.1	80.4	83.2	83.6	81.2	83.7	81.3 83.7	81.3	83.9	81.4	81.4	81.4 83.9	81.4	81.4 83.9	83.9
≥ 1800 ≥ 1500	79.7 80.8	82.8 84.3	83.4	83.9 85.5	86.0	86.1	86.2	86.3			84.7	84.7		84.7		
≥ 1200 ≥ 1000	83.2	3 100 05 0 0	87.2 88.5 89.3	89.5		90.2	90.4	90.5		90.8	89.1 90.8	89.1 90.2	89.1 90.8	89.1 90.8		
≥ 900 ≥ 800 ≥ 700	83.8				91.9	91.2 92.0	92.2	92.4	91.7 92.5			91.8 92.5	92.6	91.8 92.5		92.7
≥ 600	84.1	89.3 89.5		91.9	92.9		93.4	93.6	93.7		93.9	93.3		93.4 93.9 94.7		
≥ 400	84.2	Sales of the sales	91.3		94.0	94.2	94.9		95.4		94.7 95.1	94.7 96.0 97.2		96.1	94.7 96.1 97.3	94.7 96.1 97.3
≥ 200	84.2		91.4		94.5	94.8	96.8	96.7			98.1		98.5	99.1	98.5	98.5
\$ 000 \$ 0	84.2	17 7 1	91.4					96.8	97.1	98,1	98.5	92.7		99.2		100.2

DATA PALCUSUI S to CHUSAF ETAC AIR WEATHER SERVICE! IAC

CEILING VERSUS VISIBILITY

RANDOLPH AFE TEXAS/SAH ANTONIL 39-75

FEB.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_51<u>0</u>7=5300

CEILING							VISI8IL	ITY (STATU	TE MILESI							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	≥ 2	ייו ≲	≥1'.	≥ 1	≥ 1/4	≥ 1,	≥ 1	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000	51.7 57.2	53.3 59.0		53.5 59.2	52.6 59.3	1	53.7 59.4	53.7 59.4	53.7 59.4				53.0 59.6	5°.8		54.0 59.7
≥ 18000 ≥ 16000	57.5 58.3	67.0	60,1	59.5 60.3	59.6 60.4		59.7 44.5	59.7 60.5	59.7 60.5	59.9 60.6	59.9 60.6	59.9 60.4	59.9 61.6	59.9 60.5	59.9 60.7	
≥ 4000 ≥ 12000	58.9 59.5	61.3	61.3	61.6		61.7	^1.2 ^1.8		61.2 61.8		42.0	61.7	62.v	61.4 62.0		62.2
≥ 10000	60.8	02.7			62.5	02.5 63.1	62.6	63.2	62.7 63.2	63.3	62.8 63.3	62.2	62.9 63.4	62.9	63.4	63.5
≥ 8000 ≥ 7000	61.3	63.7			63.7	64.2	43.8 44.3	64.4	63.8 64.4	64.5	63.9 64.5	63.9 64.5	64.6	64.6 64.6	64.6	
≥ 6000 ≥ 5000	62.8	54.6 65.5		65.0 65.9		65.	65.2 66.2	65.3 66.3		65.4	65.4 66.4	65.4	65.5 66.5	65.5	65.5 65.5	66.6
≥ 4500 ≥ 4000	64.4 65.4	67,5					67.2 58.3		67.2	67.3 68.5	67.3 58.5	68.5		68.6		63.7
≥ 3500 ≥ 3000	<u>>8.0</u>	69.0 70.3	70.7	69.6 71.0		71.1	69.9 71.2	70.0		71.4	71.4			71.5	70.2	71.6
≥ 2500 ≥ 2000	59.8 72.2 72.8	72.3 75.0			73.2 76.0	76.0	73.4	76.3	76.3	73.6 76.4	76.4	76.4	73.7 76.5	76.5	76.5	76.6
≥ 1900 ≥ 1500 ≥ 1200	74.9	78.3	78.7	79.0				79.7	79.7	79.8	79.8	79.8		79.9	79.9	80.0
≥ 1000	78.5		83.7	84.2 85.6	84.8		92.7 85.1 86.6	85.2	85.2	83.0 85.4 86.9	35.4	85.4 86.9	85.4	83.0 85.4 86.9	85.5	6عـتـ
≥ 900 ≥ 800 ≥ 700	80.4 81.0	85.6	86.4	87.0	87.6	87.7 89.0	88.1	88.2	88.2		98.4	89.4	88.5	88.5 89.8	88.5	
≥ 600		87.1	88.1	69.0	89.8	90.0	90.5	90.6	90.6	90.9	90.9	90.9		91.0	91.0	91.1
≥ 400 ≥ 300	81.8	87.9	89.0	90.2	91.5	92.0	92.7		93.0	93.3	93.4	93.4	93.6	93,5	93.6	7 - ر9
≥ 200	81.9	88.2	89.6		92.8		94.7	95.4	95.7		96.8	96.9	97.1	97.2	97.3	97.:
≥ 0	81.9		89.6			93.4				97.4			90.6			100.0

3050 TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCUSSI G 5% 3Cm USAF ETAC AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

12911 RATIOCLPH AFE TEXAS/SAIS ANTHHIL 39-45.4" . 73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_<u>____0200</u>

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	≥ ?	≥ ויז	٤١١،	≥ 1	≥ ¾	≥ 3,	≥ '5	≥ 5/16	ارا چ	≥ 0
NO CEILING ≥ 20000	41.8 46.6	44.6 49.6	44,8 49,9	, 1	45.2 50.3	45.3 50.4		45.5 50.7	45.6 50.7	45.6 50.8	45.6 50.6		45.7 50.9		45.7 50.9	45.7 51.0
≥ 18000 ≥ 16000	46.7 47.1	49.7 50.1	50.3	50,5	50.4 50.8	50.9	5,1.8 51.1	50.8 51.2	50.8 51.2	50.8 51.2	50.9 51.3	50.9	51.0 51.3	51.0 51.4	51.0 51.4	51.1 51.4
≥ 14000 ≥ 12000	48.0	51.9		52.3	51.7 52.6	52.7	52.0 52.9	53.0	52.1 53.0	52.1 53.C	52.2 53.1	52.7 53.1	52.3 53.2	53.2	52.3 53.2	53.3
≥ 10000 ≥ 9000	49.0	52.2 52.5	52.4 52.7	52.6 52.9	52.9 53.2	53.3	53.3 53.5	53.3 53.4	53.3 53.6	53.3 53.6	53.4 53.7	53.4 53.7	53.5 53.7	53.5 53.8	53.5 53.8	52.8
≥ 8000 ≥ 7000	49.9 50.4	53.2 53.9		53.0 54.3		54.7	54.3 55.0	54.3 55.0	54.3 55.0	54.4 55.1	54.4 55.1	54.4 55.1	54.5 55.2	54.5 55.2	54.5 55.2	55.3
≥ 6000 ≥ 5000	51.0	54.5 55.9	56.2	35.0 56.4		56.8	55.7 57.1	55.7 57.1	55.7 57.1	55.7 57.2	55.8 57.2	55.8 57.2	55.9 57.3	55.9 57.3	55.9 57.3	56.0 57.4
≥ 4500 ≥ 4000	53.0 53.7	56.7 57.4	57.6			58.2		58.6		57.9 58.6	58.7	58.7	58.1 58.7	58.1 58.8		58.8
≥ 3500 ≥ 3000	54.9		60.3			61.9	61.3	61.4	59.9 61.4		61.5		61.5	61.6	60.2 61.6	61.6
≥ 2500 ≥ 2000	57.6 59.6	62.0			65.5	65.6	63.5 45.9	65.0		66.1	66.1	66.1	63.7 66.2	66.2	66.2	
≥ 1800 ≥ 1500	63.0		69.2		70.C	70.1	70.5	70.5	70.5		70.7	70.7	70.8	70.8		70.9
≥ 1200 ≥ 1000	66.4	77.3	78.2	78.7	74.8	79.4	79.8	79.9			80.1	75.5 80.1	80.1	80.2	80.2	30.2
≥ 900 ≥ 800	71.3	82.6	83.7	84.4	85.1	35.2	85.6	85.6	85.6		85.9	85.9	86.6	86.0	86.0	36.1
≥ 700 ≥ 600	74.6	86.7	88.2	89.2	90.1	90.3		90.9	90.9		91.2	88.5 91.2	91.4	91.4	91.4	91.5
≥ 500 ≥ 400	76.1 76.4		90.3	91.7	93.3	93.5	92.7	94.5	94.6	94.8	95.0	93.2 95.1	95.1	95.2	95.2	95.2
≥ 300 ≥ 200	76.5 76.5		90.7	92.3	94.4	94.8		96.6	96.7	97,3	97.8	97.9	98.0	98.1	98.2	98.2
≥ 100 ≥ 0	76.5 76.5	38.7 88.7		92.3				96.7 96.7		97.7 97.7		98.2 98.3	98.6 98.7			99.4 100.2

TOTAL NUMBER OF OBSERVATIONS 3245

USAF ETAC TOLE O-14-5 (CLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RAMONIAME 39-45.47-71.73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTATZ) YTI,	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≤ 3	≥ 21/2	≥ 2	≥115	≥ 1%	≥ 1	≥ 1,	≥ 3,	≥ 4	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.8 38.8	37.6 42.0	38.2 42.6	38.4 42.5	38.7 43.1	35.8 43.3	39.1 43.6	39.2 43.8	39.2 43.8	39.2 43.8		39.2 43.0	39.3 43.8	39,3 43.9	39.3 43.9	
≥ 18000 ≥ 16000	39.0 39.2	42.2 42.5	42.8 43.6	43.0 43.2	43.4 43.6	43.5 43.7	43.8	44.0 44.2	44.0 44.2	44.0 44.2	44.2	44.0	44.1 44.3	44.1 44.3	44.1 44.3	44.3
≥ 14000 ≥ 12000	40.0 40.7	43.2	43.¢	44.9	44.3 45.2	44.5 45.4	44.8	44.0 45.8	44.9 45.8	45.0 45.9	45.9	45.0	45.0 45.7	45.1 46.0	45.1 46.0	45.3 46.2
≥ 10000 ≥ 9000	41.5	45.0 45.2	45.5 45.8	45.7 46.0	46.1 46.3	46.2 45.5	40.6 45.8	46.7 47.0	46.7 47.0	46.7 47.C	46.7	46.7	46.8 47.1	46.8 47.1	46.8 47.1	47.0 47.3
≥ 8000 ≥ 7000	42.4 43.1	45.9 46.7	46.5 47.3	46.7 47.5	47.0 47.9	47.1	47.5		47.6 48.5	47.7 43.6	47.7	47.7 48.6	47.7 48.6	47.8 48.7	47.8 48.7	48.0 48.9
≥ 6000 ≥ 5000	43.9 45.0	47.6 49.0			48.8	48.9 50.4	49.3 5).8		49.5 50.9	49.5 51.0	49.5	49.5 51.0	49.6 51.0	49.6 51.1	49.6 51.1	49.9 51.3
≥ 4500 ≥ 4000	45.9 46.4	50.1 50.6	50.7 51.2	50.9 51.5	51.3 51.9	51.5 52.1	51.9 52.5	52.1 52.7	52.1 52.7	52.1 52.8	52.1 52.8	52.1 52.9	52.2 52.8	52.2 52.9	52.2 52.9	52.5 53.1
≥ 3500 ≥ 3000	47.5 40.4	51.9 52.8	52.5 53.5	52.7 53.7	53.1 54.2	53.3 54.4	53.8 54.8	53.9 55.0	53.9 55.0	54.0 55.1	54.0 55.1	54.0 55.1	54.1 55.1	54.1 55.2	54.1 55.2	54.4 55.4
≥ 2500 ≥ 2000	49.8 51.9	54.5 56.9	55.1 57.6	55.4 58.0	55.8 58.5	56.1 58.7	56.5 59.2	56.6 59.3	56.6 59.3	56.7 59.5	56.7 59.5	56.7 59.5	56.8 59.5	56.9 59.6	56.9 59.6	57.1 59.9
≥ 1800 ≥ 1500	53.0 54.9	58.3	59.1 61.9	59.4 62.4	60.0 53.0	63.2	63.7	60.8 63.8	60.8 63.8	61.0 64.0	61.0 64.0	61.0	61.0 64.1	61.1 64.1	61.1 64.1	61.3
≥ 1200 ≥ 1000	59.7 62.7	67.3 71.2	68.3 72.3	68.8 72.9	69.5 73.7	69.8 73.9	7c.2	70•3 74•5	70.3 74.5	70.5 74.7	70.5 74.7	70.5 74.7	70.6 74.8		70.7 74.9	
≥ 900 ≥ 800	64.1 65.0	73.5	74.7 76.9	75.4 77.8	76.1 78.6	76.4 78.8			77.0 79.5	77.2 79.7	77.2 79.7	77.2	77.3 79.3		77.3 79.9	
≥ 700 ≥ 600	65.8 66.5	77.2	79.0	80.1	80.9	81.1	81.7 84.4		81.9 84.5	82.1 84.8	82.2 84.9	82 • 2 84 • 9	82.3 85.0	82.4 85.0	82.4 85.0	85.3
≥ 500 ≥ 400	67.1 67.3	80.9	82.9 83.9	84.5 85.9	86.1	86.4 88.6	89.6	87.5 90.0	87.6 90.1	37.9 99.4		88.0 90.6	88,1 96.7	88.2 90.8	88.2 90.8	
≥ 300 ≥ 200	67.6	81.3	84.6	86.7 87.0			91.2		92.0 93.3	92.6 94.4	الله 95	92.9	93.0		93.1 95.7	
≥ 100	67.6 67.6	81.5	84.8 84.8	87.1 87.1	89.9 89.9	90.7 90.7	92.3		93.8 93.8	95.3 95.4	96.3 96.4	76.4 95.5	97.0 97.1	97.3 97.4	98.0 98.4	98.6 100.0

TOTAL NUMBER OF OBSERVATIONS 3241

USAF ETAC TULGE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PALCESSING 3K + En-USAF ETAC AIR WEATHER SEPVICE/ (AC

CEILING VERSUS VISIBILITY

12911 R-SUGLPH AFB TEXAS/SAC ANTOHIL 39-65,47-71,73-75

<u>ಾಳಿರಿದಿ=ರಿಇ೧೦</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEHING						-	√151BII	LITY (STATE	i E MILES,							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ ? >	≥ 2	≥1:	≥1.	≥ 1	≥ 1.	≥ 1,	≥ 1	≥ 5/16	≥ •	≥ 0
NO CEILING ≥ 20000	28.9 33.5	31.7 36.9	32.3 37.7	32.7 38.2	33.1 36.7	33.1 3º.7		33.4 39.1	33.4 39.1	33.5 39.4	33.5 35.4	33.4 39.4	33.ს 39.6		34.0 39.8	
≥ 8000 ≥ 16000	33.8 34.0	37.3 37.6	38.1 38.4	38.5	39.0 39.4	39.1	39.2 39.6	39.4	39.5 39.9	39.7 40.2	39.8	39.° 40.2	40.0	40.0 40.4	40.2 40.6	40.5
≥ 14000 ≥ 12000	34.7 35.8	38.3 39.5	39.2 40.5	39.7 40.9	40.2	40.2	41.7	41.0	40.7	41.0 42.3	42.3	41.0	41.2	41.2	41.4	41.8
≥ 0000 ≥ 9000	36.6 36.8	40.4 40.6	41.7	42.1	42.7	42.7	42.9	43.2	43.2	43.5	43.6	43.4	43.5 43.7	43.5 43.8		44.3
≥ 8000 ≥ 7000	37.5 38.5	41.4	42.4	44.0	44.5	43.5	43.7	44.0	44.0	44.3	45.5	44.4	44.5	44.6 45.6	44.7 45.8	
≥ 6000 ≥ 5000	39.2 40.5	43.2	44.4		45.5 47.3	45.6	45.7 47.5	46•በ 47• ⁸	46.0 47.9	46.4 48.2	46.5	46.5	46.6 48.5	46.6 48.5	46.8 48.7	42.
≥ 4500 ≥ 4000	41.5 42.1 42.8	45.9 46.7 47.5	47.1 46.0	48.6	48.4 49.2	48.5 49.3	46.7	49.0	49.0 49.9	49.4 50.2	49.5 50.3	49.5 50.3	49.7 50.5	49.7 50.6	49.8 50.7	50.2 51.1
≥ 3500 ≥ 3000	44.0 45.5	48.9	48.9 50.3	51.1	50.2 51.9	57.3 52.0	50.5 52.3	50.8 52.6	50.9 52.7	53.0	51.3 53.1	51.3 53.1	51.5 53.3	51.5 53.3	51.7 53.5	52.0 53.9
≥ 2500 ≥ 2000	47.4 48.5	50.7 53.3 54.8	52.2 55.1 56.7	56.1	54.0 57.1	54.2 57.3	54.5 57.7	54.8 58.0	54.8 58.0	55.3	55.2 58.5	55.2 58.5	55.4 58.6		55.6 58.8	56.0 59.2
≥ 1800 ≥ 1500 ≥ 1200	50.5		59.9 64.8		58.8 62.2 67.4	59.0 62.4	59.4 62.8	59.7 63.1	59.8 63.2	63.5	63.7	60.2	63.9		60.6 64.1	64.4
≥ 1200 ≥ 1000 ≥ 900	55.9	55.8 67.5	68.7	70.2	71.5	67,7 71,8 74.0	58.1 72.3 74.6	69.5 72.8 75.1	68.5 72.8 75.2	68.9 73.2 75.6	69.0 73.4 75.8	69.0 73.4 75.9	69.2 73.6	69.3 73.6	69.4 73.8	69.8 74.1
≥ 800 ≥ 700	57.8	69.4	73.1 75.0	74.9	76.6	76.9 79.6	77.4 80.2	78.0 80.9	78.1	78.6 81.5	78,7	78.7	76.0 78.9 81.9	76.0 79.0 81.9	76.1 79.1 82.1	79.5
≥ 600	58.9 59.2		76.5 77.6	78.6	81.1 82.	83.6	84.5	83.2	83.4	84.0 86.5	84.7	84.2 86.7	84.4	84.4	84.6	82.5 85.0 87.6
≥ 400 ≥ 300	59.3 59.4	73.4	78.0 78.3	30.5	83.7	84.5	37.3		87.3 89.3	66.2	88.	88.5	88.6	88.8	1	89.5
≥ 200	59.4		78.4	81.2	85.0	85.9	°3.2	80.9 90.1	1	92.3	93.	93.5	94.3	94.6	95.1	95.8
≥ 0		73.7	78.5		85.1	86.9	88.4	90.1	90.7	92,8	94.	27.2	95.4		97.3	

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 100 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFE TEXAS/SAN ANTONIO 39-45,47-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	-				-		VISIBIL	UTAT2) \TI	TE MILES)				_			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥15	≥ 1%	2	≥ ³;	≥ %	≥ ':	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000	34.6 41.4	37.0 44.4	37.3 44.5	37.5 45.0	37.5 45.0		45.1	37.7 45.2	37.7 45.2	37.9 45.4	37.9 45.4		37.9 45.4	37.9 45.4	37.9 45.4	37.9 45.4
≥ 18000 ≥ 16000	41.5 42.0			45.7			45.8	45.3 45.9	45.4 45.9	46.0			45.5 46.0	45.5 46.0	46.0	45.5 46.0
≥ 14000 ≥ 12000	42.8		47,4			47.7	47.7		46.8	48.0	40.0	48.0	48.0	49.0	48.0	
≥ 10000 ≥ 9000	44.5 45.1	47.8 48.4	48.3	49.2	48.6	48.7 49.3	49.3	49.5	48.8	49.6	49.0 49.6	49.6	49.5	49.6	49.6	49.6
≥ 8000 ≥ 7000	45.6	49.1 50.2	50.7	51.0	51.0	50.0 51.1	51.2	50.1 51.3	51.3	51.4	50.3 51.4	51.4	50.3 51.4	51.4	51.4	51.4
≥ 6000 ≥ 5000	47.5	51.1 52.4	51.6 53.0	53.4	51.9 53.5	52.0 52.6	53.6	52.2 53.7	52.2 53.8	52.3 53.9	52.3 54.0	54.0	52.3 54.0	54.0	52.3 54.0	54.0
≥ 4500 ≥ 4000	49.2 50.2	53.0 54.2	53.6 54.9	55.3	54.1 55.4	54.2 55.5	54.2 55.6	54.4 55.7	54.4 55.7	55.9	54.6 55.9	55.9	51, 6 55.9	54.6 55.9	55.9	55.9
≥ 3500 ≥ 3000	51.1 52.4	55.2 57.1	56.0 57.9	58.4	56.5 58.5	56.6 58.6		56.8 55.9			57.0 59.1	59.1	57.0 59.1	57.0 59.1	57.0 59.1	57.0 59.1
≥ 2500 ≥ 2000	57.3	59.4	60.4 65.1				56.2	61.5 66.3		66.5	61.7		66.6	61.7	66.5	61.7
≥ 1600 ≥ 1500	59.1 62.0	65.9 70.6	67.1 71.5		72.4		72.6	68.3 72.8	72.8		68.5 73.0	73.0	68.5 73.0	73.0	73.0	73.0
≥ 1200 ≥ 1000	66.0	78.8	77.4 80.8	82.0		82.8	83.0	79.3 83.2	83.2	79.5 83.3	79.5 83.4	83.4	79.5 83.4	79.5 63.4	83.4	79.5 83.4
≥ 900 ≥ 800	68.2	80.1	82.4 64.0	85.6	84.5 36.5		87.1	87.3	87.3	55.2 87.5	87.5	87.5	85.3 87.5	87.6	87.6	87.6
≥ 700 ≥ 500	69.1	82.1	85.2 86.2	88.5		88.7 90.5	91.0		91.4		89.6 91.7	91.7	91.7	91.7	91.7	
≥ 500 ≥ 400	69.4	83.1	86.8	89.7		92.5	93.5	93.0	94.5	95.2	95.3		93.7 95.4	95.5	95.5	95.5
≥ 300 ≥ 700	69.4	93.2			92.5	93.4	94.7	95.6 95.9		97.7	93.2	98.4	97.7 98.6	93.8	98.9	98.9
≥ 100 ≥ 0	69.4	83.2 83.2	87.1 87.1		92.5 92.5			95.9 95.9	96.5 96.5			98.5 98.5	98.5 99.8			99.8

TOTAL NUMBER OF OBSERVATIONS _______3247

USAF ETAC TUE SE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSIO 8R . CH USAF ETAC AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

RANDULPH AFE TEXAS/SAN ANTONIU 49-45.47-71.73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_; <u>200=1400</u>

CJILING							VISIBIL	UTATZ) YTI,	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥119	≥ 1%	≥ 1	≥ ¼	≥ 1,	≥ '>	≥ 5/16	≥ 54	≥ 0
NO CEILING ≥ 20000	44•1 54•1	45.6 56.1		45.8 56.4		45.8 56.4		45.9 54.5	45.9 5ċ.5	45.9 56.5	45.9 56.5	45.0 56.5		45.9 56.6		45.9 56.6
≥ 18000 ≥ 16000	54.3 54.7	56.3 56.7		56.6 57.1		56.7 57.1	50.7 37.1	56.9 57.2	56.8 57.3	56.8 57.3	56.8 57.3	56.° 57.3	56.9 57.3	56.9 57.3	56.9 57.3	56.9 57.3
≥ 14000 ≥ 12000	55.3 56.1	57.3 58.2				57.6 58.5	57.6 50.5	57.9 59.7	57.8 56.7	1	57.8 58.7	51.3 53.7	57.9 58.8	57.9 58.8	57.9 58.8	57.9 53.8
≥ 10000 ≥ 9000	56.7 57.2	58.8 59.4	59.7			59.3 59.8	59.3 59.9	59.4	59.5 60.0			59.5 60.1	59.5 60.1	59.5 60.1	59.5 60.1	59.5 60.1
≥ 8000 ≥ 7000	58.0 58.7	60.1 60.9	60.5 61.2	60.5		60.6	51, 6 61 - 3		60.8 61.5		60.8 61.5	60.8	60.8 61.6	1		
≥ 6000 ≥ 5000	59.8 61.1	62.0 63.4	62.4 63.8	62.5	62.5	64.0	64.0	64.2	62.7	1	62.7	-	52.7 64.3	64.3		52.7 64.3
≥ 4500 ≥ 4000	61,8 63.6	54.2 56.2	66.7	66.8		64.8 36.9	67.0	5.7.2	65.1 67.2	67.3	67.3	67.3		65.2 67.3	1 7 7	65.2 67.3
≥ 3500 ≥ 3000	65.6 68.9		72.6	72.7	72.9	72.9		73.2	69•3 73•2	73.3	73.0			69•3 73•3		
≥ 2500 ≥ 2000	72.8	76.3 81.3			83.1	79.0 83.1	78.1 83.2			78.4 83.6		78.4 83.5	78.5 83.6	78.5 83.6	78.5 03.6	78.5 83.6
≥ 1800 ≥ 1500	78.6 80.9			84.9 88.0		89.4	93.6					85.7 89.^	85.8 89.0	35.3 80.0		
≥ 1200 ≥ 1000	32.6 33.3	89.2 90.8	92.2	92.7	93.3	93.4		93.9	91.9 94.0	94.1	94.1	94.1	94.1	92.0 94.1	94.1	94.1
≥ 900 ≥ 800	83.5 83.7		93.7	93.5	95.2	94.3 95.3	95.6	96.2	96.1	96.2	96.3		95.1 96.3	95 • 1 96 • 3	95.1 96.3	
≥ 700 ≥ 600	83.7 83.7	92.3			96.0	95.8 96.3	90.1 96.7	96.5 97.1	97.2	97.3	97.4	96 • 8 97 • 4	97.4	97.4	97.4	97.4
≥ 500 ≥ 400	83.8 83.8	92.5	94.4	95.4	96.5	96.9	97.2 97.5			99.7		98•1 98•8	98.2 98.8	98.2 98.8		
≥ 300 ≥ 207			94.4	95.4	96.7	97.0	97.8		99.0	99.4	99.6		99.0	?9.5 94.8		99.5
≥ 100 ≥ 0	•	92.5		95.4 95.4		97.0				99.4	99.6 99.6			99•8 99•8	_	100.0

TOTAL NUMBER OF OBSERVATIONS 3239

USAF ETAC 104 0-14-5 (OLA) PRELIOUS EDITIONS OF THIS FORM API OBSOLETE

CEILING VERSUS VISIBILITY

RAMUTLPH AFB TEXAS/SAN ANTONIA 39-45,47-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTAT2) YTI	TE MILES!							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄2	≥ 2	≥ 11/5	≥ 1%	>:	≥ 1/4	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	47.6 61.5	43.7	48.8 63.2		49.3 63.7	4°.3 53.7	49.4	49.5 63.9		49.5 63.9	49.5 63.9	49.5	49.5	49.5 64.0	49.5 64.3	49.5 64.0
≥ 18000 ≥ 16000	61.9 62.5	63.4 64.1	63.6 64.3		64.1 64.8	64. 1	54.3 64.9	1	64.4	64.4	64.4	64.4	64.4	64.4 65.1	64.4 65.1	64.4
≥ 14000 ≥ 12000	63.8 65.0		65.5 66.7		50.0 67.3	67.3	66.1 57.4	65.3 67.5		66.3	66.3			66.3 67.6		
≥ 10000 ≥ 9000		67.7	68.0	68.2	68.1 68.5		5005	60.3	68.8	68.8		68.4 68.9		68.3		
≥ 8000 ≥ 7000		69.7		70.2		77.5	7.06	69.7 70.7	70.8	70.8	70.8	70.8	69.8 70.8		70.8	70.8
≥ 6000 ≥ 5000	59.J 71.1	73.0	73.2	73.5		73.R	73.9		74.1	74.1	74.1	74.1	71.8 74.1	74.1	74.1	74.1
≥ 4500 ≥ 4000		77.2	77.4	77.8	75 e0 76, 1	78.1	78.3	75.3 78.4	78.4	75.3 78.4	78.4	75.3 78.4	78.4	75.4 78.4	78.4	
≥ 3500 ≥ 3000	76.0 80.7	83.5	83.3	84.2	81 5 84.6	84,6	84.7	84 R	84.9	84.9	81.8	81.8 84.9	81.8 84.9	84.9	84.9	
≥ 2500 ≥ 2000	83.7 85.5	87.0 89.2	87.3	90.2	88.1 90.6	88.1 90.7	90.8	90.9	91.1	91.1	88.5 91.1	88.5 91.1	98.6 91.1	88.6 91.1	91,1	21.1
≥ 1800 ≥ 1500	87.0	89.7 91.4	90.2 92.1	92.8	91.2 93.2	91.2 93.3	93.4	91.5 93.6		91.6 93.7	91.6 93.7	91.6 93.7	91.7 93.7	91.7 93.7	91.7 93.7	93.7
≥ 1000	87.8 88.1	93.6	93.7	95.4	95.2 96.0		96.4	95.6 96.5	95.7 96.6		95.7 96.6	95.7 96.6	95.7 96.6	95.7 96.6	96.6	
≥ 900 ≥ 800	88.1 88.3			96.1		96,9	97.1	96.8 97.3		97.4	97.0 97.4	97.9 97.4	97.5			97.5
≥ 700 ≥ 600	88.5	94.5	95.2 95.6 95.6	96.7	97.1 97.5 97.8	97.2 97.7	98.0	97.8				97.9 96.5		98.0 98.5	98.5	
≥ '00 ≥ 400	88.5	94.6	95.7	96.9	97.8	98.0	98.4			99.0	98.8 99.0	99.0	98.9 99.1	98.9 99.1	98.9 99.1	99.1
≥ 300	88.5	94.6		97.0		98.0	93.6			99.6	99.7	99.7	99.6 99.6		99.8	99.8
≥ 100		94.6					98.0 98.6			99.6 99.6			99.8 99.8		99.9 99.9	100.0

TOTAL NUMBER OF OBSERVATIONS_____

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCISSING BRAUCH USAF ETAC AIR WEATHER SERVICE/ 14C

CEILING VERSUS VISIBILITY

(1)

RANDOLPH AFB TEXAS/SAN ANIBNI 39-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBIL	ITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 2':	≥ 2	≥1'5	≥ ''₄	יי	≥ 1,	≥ 5/4	נ' ≤	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	52.9 65.5	54.3 67.3	54.5 67.6	54.8 67.9	55.1 68.3	55.1 68.3	55.2 60.4	55.2 68.4	55.2 68.5	55.3 69.5	55.3 68.5	55.3 68.5	55.3 68.5	55.3 68.5	55.3 68.5	- 1
≥ 18000	65.8 66.4	67.5 63.2	67.9 68.5	68.2 68.5	68.6	69.6 69.2	60.8	60.3	66.8	68.8	58.8 69.4	68.3	68.8 69.4			
≥ 14000 ≥ 12000	67.6 69.1	69.4 77.9	69.7 71.2	70.0	70.4 71.9	70.5 71.9	70.0 72.)	70.6 72.0	70.5 72.1	70.6 72.1	70.6 72.1	70.6	70.6	70.6 72.1	70.5	70.6
≥ 10000 ≥ 9000	70.1 70.4	71.9 72.2		72.5 72.8	73.2	73.3			73.0 73.4	73.4		73 • 1 /3 • 4	73.1 73.4	73.1 73.4	73.1 73.4	
≥ 8000 ≥ 7000	71.4 72.5	73.3	74.7	75.0	74.2	74.3	75.5	74.4 75.5	74.4		75.6	74.5 75.5	74.5 75.6	75.6		75.6
≥ 6000 ≥ 5000	73.5 75.6	75.4	78.U	78.3	78.7	76.5 78,7			76.6 78.8	78.9		76.6 78.9		78.9	76.6 78.9	
≥ 4500 ≥ 4000	76.7 78.1	78.9 83.5	79.2 50.8		79.9	81.6		80 • 1 81 • 7	80.1 81.7	80.1	90.1 81.8	80.1	80.1		90.1 81.3	81.8
≥ 3500 ≥ 3000	79.5	82.3	82.6 85.0	85.4	°5.8	83.4 85.8	83.5 86.0	86.0	83.5 86.0	86.0	83.5 86.0	83.5 85.0		86.0	83.5 <u>£6.0</u>	86.0
≥ 2500 ≥ 2000	83.3	86.7	87.2 89.6	87.6 90.0	90.4	88.0 90.5	98.1 90.6	88.1 90.6	88 • 2 90 • 7	88.2 90.7	88.2 90.7	88.? 90.7		88.2 20.7	90.7	90.7
≥ 1800 ≥ 1500	86.0	89.8 91.3	91.9	90.8 92.5	91.3	91.4		91.5	91.6 93.3	93.3	91.6 93.3	91.6	91.6	91.6	91.5	93.3
≥ 1200 ≥ 1000	87.9 88.3	92.7 93.6	93.4	94.0	94.6 95.7	94.7	94.9	96.0	94.9 96.1	95.0 96.1	95.0 96.1	95.0	95.0 96.2	95.0 96.2	95.0	96.2
≥ 900 ≥ 800	88.4 88.4 88.7	93.7 94.0 94.2	94.9				96.3 96.9		96.4 97.0		96.4 97.0	96.4 97.0	96.5 97.1	96.5 97.1	96.5 97.1	97.1
≥ 700 ≥ 600	88.8	94.4		96.1 96.3 96.5	97.4 97.6	97.1 97.4 97.7	97.5 97.9	97.5 98.0 98.4	97.6 98.1 93.5	97.6 98.1	97.6 98.1	97.6 98.1 98.5	97.7 98.2	97.7 98.2	98.2 98.6	
≤ 500 ≥ 400	88.8	94.5		96.5 96.5		97.8 99.0	98.2 98.5		98.8 99.2			98.9		98.6 99.0	99.0	99.0
≥ 300 ≥ 200	1	94.5		96.5		98.0		99.1 99.1	99.2	99.4	99.3 99.4	99.4	99.4 99.5	99.6	99.6	
≥ 100	88.8			96.5	97.8	98.0		99.1	99•2 99•2	99.4	99.5 99.5	99.5		99.7	99.8	1 3

USAF ETAC 108M 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE DISORTE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAL ANTONIA 39-45.47-75

MAR ___

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							visieil	ITY (STATU	TE MILESI							•
(FEET)	≥ :0	≥¢	≥ 5	≥ 4	≥ 3	≥ 2'2	≥ 2	>,;	≥ ¹ •	≥ '	≥ 2.	≥ 1,	≥ 5	≥5/16	≥ .	≥);
NO CEILING ≥ 20000	53.4 60 3	55.3 62.3	55.5 62.6	55.9 63.0	56.0 53.3		50.1 53.4	56.2 53.5	56.2 62.5	56.2 63.6	56.2 63.6	56.2 63.6		56.3 63.6		56.3 63.6
≥ 18000 ≥ 16000	60.8		62.9 63.1	63.3 63.5	67.5	63.5 63.8	63.7 63.9	64.0	63.8 64.0			63.8 64.0	63.8	63.8 64.1		63.8
≥ 14000 ≥ 12000	62.0 63.1			64.7		65.0	55.1 56.3	7	65.2 66.4				1	65.3 65.5		
≥ 0000	63.5 63.7			66.4		56.5 66.9			66.9	66.9		65.9 67.2	66.9	66.9 67.2		66.9
~ 8000 ≥ 7000	64.4 65.0			67.4 68.0			67.8			67.9 68.6		67.9	,	67.9 68.5		,
≥ 6000 ≥ 5000	65.7 67.2	68.0 69.7		68.7 76.4	69.0 70.5	69.0		69.2 70.9	69.2 70.9	69.3 72.9		69.3	69.3			69.3 70.9
≥ 4500 ≥ 4000	68.7		1	71.3	71.6 72.4	71.6	71.8 72.6	71.9 72.7	71.9		71.9	71.9 72.7		71.9 72.8	71.9 72.8	i
≥ 3500 ≥ 3000	69.8 71.3			73.2 75.0	73.4 75.2	73.5	73.7 75.5	73.6 75.6	73.8 75.6		73.8	73.8	1	73.8 75.6	•	,
≥ 2500 ≥ 2000	72.5 74.5		76.2 78.6		76.9 79.3	77.0		77.2 79.7	77.2	77.3 79.7	77.3 79.7	77.2	77.3 79.8	77.3		
≥ 1800 ≥ 1500	75.3 77.4	79.1 81.6	79.5	1	90.3 83.0	80.4 83.0			80.7 83.4		80.7 33.4	80.7 83.4	80.8 83.4	80.8		80.8 83.4
≥ 1200 ≥ 1000	80.8 83.0			87.0 90.0	87.2 90.3	87.3 90.4			87.7 90.8	87.7 90.8	87.7 90.3	87.7 90.9		87.7 90.8		87.7 90.8
≥ 90∪ ≥ 800	83.8 85.1	39.8 91.6		91.3 93.2	91.6 93.7	91.7	91.9 94.1		92.0 94.2	92.1 94.3	92.1 94.3	92.1	92.1 94.3	92 • 1 94 • 3	92.1 94.3	92·1 94·3
≥ 700 ≥ 600	85.5 86.0						95.0 96.1		95·1 96·2	95.2 96.2	95 • 2 96 • 3	95.2		95.2 96.3		95.2
≥ 500 ≥ 400	86.2 86.3	93.6				96.6 97.1	97.0 97.0	97•1 97•9	97•1 97•9	97.1 97.9	97.2 98.0	97.2 93.0	97.3 98.1	97.3 98.1		97.3 98.2
≥ 309 ≥ 200	86.3 86.3	93.6	94,8 94,8		97.2 97.3	97.4 97.5		98.7	98 • 5 98 • 8			98.7		98.8 99.3		98.8
≥ 100	86.3 86.3	93.6	94.8 94.8	96•1 96•1	97•3 97•3	97.5 97.5	98•2 98•2	98 • 8 98 • 8			99.3	99.4	99.6 99.6	99.6 99.7	- 1	99.8

TOTAL NUMBER OF OBSERVATIONS 3250

USAF ETAC TOTAL 0-14-5 (OLA) PO YOUS EDITIONS OF THIS FORM ARE OBSOLUTE

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFB TEXAS/SAN ACTOMIC 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HIS BILLTY STATUTE MILES

_00004-6200

CELNO																
FEET	≥ '≎	≥ 6	≥ 5	≥ 4	≥ 3	≥`;	≥:	₹.:	٤.	≥ '	≥ 1.	≥ 1,	٤٠,	≥ 5/16	≥ .	≥ 3
NO CEILING ≥ 20000							37.4									_
E 8000	39.1	41.4	41.7	41.9	42.0	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5
. ≥ 16000 ≥ 14000	39.7	42.1	42.4	42.7	42.7	42.8	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3
> 2000							43.0									
' ≥ 9000 F ≥ 8000	41.3	44.1	44.4	44.7	44.8	44.9	45.7	45.2.	45.2	45.3.	45.3	45.4	45.4	45.4	45.44	45.4
≥ 7000	42.2	45.1	45.4	45.7	45.8	45.91	46.2	46.2	46.2	45.4	46.4	46.4	46.4	46.4	46.4	46.4
. ≥ 6000 . ≥ 5000 	43.5	46,7	47.1	47,4	47.6	47.7	47.2 45.0	48.0	46.0	48.1	48.1	48.1	48.1	48.1	48.1	48.2
≥ 4500 ≥ 4000	44.7	48.1	48.5	48.8	49.0	49.1	48.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 3500 ≥ 3000	45.4 46.6	49.0 50.3	49.3 50.8	49.7 51.1	49.9	50.0' 51.5	50.4 51.9	50.4	50.4	50.5 52.0	50 - 5 52 - C	50.6 52.1	50.6 52.1	50.6 52.1		
∑ 2500 ≥ 2000	48.0 50.6	51.9 55.0	52.4 55.6	52.8 56.1	53.0 56.4	53.2	53.6 57.0	53.6 57.0	53.6 57.0	53.8	53.8	53.8	53.8 57.2	53.8 57.2	53.8 57.2	
≥ 1800 ≥ 1500	52.3	57.0	57.6	58.1	58.5	58.6	59.1 64.3	59.2	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4
≥ 1200 ≥ 1000	63.3	71.0	72.2	72.9	73.4	73.5	74.0 PO.7	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 900 ≥ 800	69.6	79.8	81.5	82.4	83.2	83.4	83.9	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	64.3
≥ 700	72.0		86.7	87.8	88.7	88.9	87.5 89.5	89.5	89.6	19.9	89.9	39.9	89.9	89.9	89.9	90.0
≥ 600	72.8	87.2	89.8	91.2	92.5	92.7	91.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 400	73.3	87.6 88.1	90.5	92.1	93.7	94.0	³ 5∙0	95.3	95.3	95.6	95.6	95.5	95.6	95.6	95.6	
2 200	73.4	88.1	91.2	93.1	95.0	95.5	97.0 97.0	97.6	97.7	98.3	98.5	98.5	98.7	98.7	98.5	98.8
> 0	73.4						97.0									00.0

TOTAL NUMBER OF OBSERVATIONS 3303

USAF ETAC 100% 0-14-5 (OLA) HEVOUS EDITIONS OF THIS YORK ARE OBSOLETE

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CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			_				VISIBIL	ITY (STATU	TE MILES)			, ,,				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥1%	≥11/4	≥1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	28.2			31.5 34.7	31.7 34.9	31.7 34.9	31.9 35.1	32.0 35.2	32.1 35.2	32.3 35.5	32.3 35.5	32.4 35.6	32.5 35.6	32.5 35.5	32.5 35.7	32.6 35.8
≥ 18000 ≥ 16000	31.2		34,5	34.8 34.9	35.1	35.0 35.1	35.3 35.3	35.4 35.4	35.4 35.5	35.6 35.7	35.7 35.7	35.7 35.8	35.8 35.8	35.8 35.8	35.8 35.9	36.0 36.0
≥ 14000 ≥ 12000	31.5	34.8	35.4	35.1 35.8		35.3 36.0	35.6 36.3	35.7 36.4	35.7 36.4		36.0 36.7	36.0 36.7	36.1 36.8	36.1 36.8	36.2 36.8	36.3 37.0
≥ 10000 ≥ 9000	32.4	35.3 35.8	35,9 36,4	36.3 35.7	36.6	36.6	36.8 37.3	36.9 37.4	36.9 37.5	37.2 37.7	37.2 37.7	37.3 37.8	37.3 37.8	37.3 37.8	37.4 37.9	37.5 38.0
≥ 8000 ≥ 7000	33.3 33.6	36.5 37.0	37.0	37.4 37.9		37.7 38.2	38.0 38.5	38.1 38.6	38.2 38.7	38.4 28.9	38.4 38.9	38.5 39.1	38.5 39.1	38.5	38.6 39.1	38.7 39.2
≥ 6000 ≥ 5000	34.5 35.2	37.7 38.6		38.8 39.6	39.9	39.1 39.9	39.3 40.2	39.5 40.3	39.5 40.4	39.7 40.6	39.8 40.6	39.8 40.7	39.9 40.8	39.9 40.8	39.9 40.8	40.9
≥ 4500 ≥ 4000	36.1	39.6 40.7	40.3	40.7		41.0	41.3 42.5	41.4	41.5 42.7	43.0			41.9 43.1	41.9 43.1	41.9 43.2	43.3
≥ 3500 ≥ 3000	37.6 38.9	41.4	42.2 43.7	42.5	42.9	42.9	43.2	43.4	43.4			43.8 45.4	43.8 45.5	43.8 45.5	43.9 45.5	45.6
≥ 2500 ≥ 2000	41.3	45.6 49.5	46.5 50.7	46.9 51.3	51.7	47.3 51.7	47.7 52.1	47.9 52.3	47.9 52.3	52.6		48.3 52.7	48.3 52.8	48.3 52.8		52.9
≥ 1800 ≥ 1500	45.9 48.7	51.8 55.5		53.7 57.7	54.1 58.2	54.1 58.2			54.7 58.8	59.1	59.1	55.1 59.2	55.2 59.2	55.2 59.2	55.2 59.3	59.4
≥ 1200 ≥ 1000	54.5 57.9			65.8 71.6	72.3	66.5 72.4			67.2 73.2	73.5	73.6	67.7 73.6	73.7	67.7 73.7	67.8 73.8	73.9
≥ 900 ≥ 800	59.5		73.4	74.7	79.2	75.6		76.4 80.2	76.5 80.2	30.6	76.9 80.7	76.9 80.7	77.0 80.8	77.0 80.8	77.1 80.8	77.2 81.0
≥ 700 ≥ 600	62.5		79.4	80.9 83.7	84.9			86.2	83.1 86.3		83.5	83.6 86.8	83.6			
≥ 500 ≥ 400	63.8 64.2	80.1	84.2	85.4 87.0	89.0	87.4 89.4	88.4 90.7	88.8 91.2		91.8		89.5 92.0		89.6 92.2	89.7 92.3	92.4
≥ 300 ≥ 200	64.5	80.5	85.0 85.2	88.1	90.3 90.8	90.8 91.5		94.7	93.6 94.8	96.3		95.0 96.9				97.8
≥ 100 ≥ 0	64.6	80.8	85.2 85.3	88.5 88.5	91.0 91.0	91.6 91.6	94.0		95•2 95•2	96.9 96.9		97.5 97.6	98.2 98.5	98.5 98.7	98.8 99.2	99.2

TOTAL NUMBER OF OBSERVATIONS.

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							ViSIBII	UTAT2) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.3 27.5	25.3 30.1	25.8 30.5	26.1 31.1	26.3 31.4	26.3 31.4		26.6	26.6 31.7	26.6 31.9	26.7 31.9	26.7 31.9	26.8 32.1	26.8 32.1	26.9 32.2	27·1 32·4
≥ 18000 ≥ 160.)	27.7 27.8	30.3 30.4	30.8 30.9	31.3	31.6 31.7	31.7 31.8	31.9 32.1	32.0 32.1	32.0 32.1	32.2 32.3	32.2 32.3	32.2	32.4 32.5	32.4 32.5	32.4 32.5	32.6 32.8
≥ 14000 ≥ 12000	28.4 29.1	31.1	31.7 32.4	32.2 32.9	32.5 33.2	32.5 33.3	32.8 33.6	32.9 33.7	32.9 33.7	33.0 33.8	33.1 33.9	33.1 33.9	33.3 34.1	33.3 34.1	33.3 34.2	33.5
≥ 10000 ≥ 9000	29.7 30.0		33.0 33.3	33.5 33.8	33.8 34.1	33.8 34.2	34.2 34.5	34.3	34.3 34.6	34.4 34.8	34.5 34.8	34.5 34.8	34.7 35.0	34.7 35.0	34.7 35.1	34.9 35.3
≥ 8000 ≥ 7000	30.5 31.0	33.3 33.9	33.8 34.5		34.7 35.3	34.7 35.4	35.1 35.8	35.2 35.9	35.2 35.9	35.4 36.1	35.4 36.1	35.4 36.1	35.6 36.3	35.6 36.3	35.7 36.4	35.9 36.6
≥ 6000 ≥ 5000	31.5 32.7		35.1 36.4	35.6 36.9	35.9 37.2	37.3	37.7	36.5 37.8	26.5 37.8	36.7 38.0	36.7 38.1	36.7 38.1	36.9 28.2	36.9 38.2		37.2 38.5
≥ 4500 ≥ 4000	33.3 33.9		37.1 38.1					38.5 39.6	30.5 39.6		38.8 39.9	38.8	39.0 40.1	39.0 40.1	40.1	39.3 40.4
≥ 3500 ≥ 3000	34.8 36.2		39.2 41.2	41.9	40.2 42.4		40.7 42.0	40.8 43.1	40.8	41.1	41.1 43.4	41.1 43.4	41.3 43.6	4) •3 43 •6		41.6
≥ 2500 ≥ 2000		43.2 46.5	44.0 47.5	48.5	45.5	45.5		46.2 50.0	46.2 50.0	46.4 50.3	46.5 50.4	46.5 50.4	46.7 50.6	46.7 50.6		50.9
≥ 1900 ≥ 1500	41.6	47.8 52.1	48.9 53.5	54.6	50.7 55.6	50.9 55.9	51.4 56.5	51.6 56.6		51.8 56.9	52.0 57.0	52.0 57.0	52.1 57.2	52.1 57.2	52.2 57.3	52.4 57.6
≥ 1200 ≥ 1000	49.5 52.0		61.0 65.6	67.6		69.5	64.7 70.5	64.9 70.7	70.8	71.2	71.3	65.3 71.3	65.5 71.5	65.5 71.5	65.6 71.6	71.8
≥ 900 ≥ 800	53.4 54.7	65.3	68.0 71.3	73.9	71.9 76.0	72.4 76.5	77.7	73.5 77.9		74.0 78.5	74.2 78.7	74.2 78.7	74.4 78.8	74.4 78.8	78.9	74.7
≥ 700 ≥ 600	55.2 55.9	69.1 70.7	72.8	76.1 78.4	78.3 80.9	81.9	83.5	80.6 83.9	84.0	81.3 84.7	81.4 84.9	81.4 84.9	81.6 85.2	81.6 85.2	85.3	82.0 85.5
≥ 500 ≥ 400	56.4 56.6	72.4	76.7 77.3	80.8 81.6	83.7 85.0		A8.6	87•2 89•4		88.3 91.0	88.6 91.4	88.6 91.5	88.9 91.9	88.9 91.9	91.9	92.2
≥ 300 ≥ 200	56.7 56.7	72.9	77.8	82.5	86.0	87.8	90.8	91.5 92.0		94.9	94.3	94.4	94.9	95.0 97.0	97.3	
≥ 100 ≥ 0	56.7 56.7	72.9	77.9 78.0	82.5 82.5	86.3		90.9	92.2 92.2	92.7 92.8	95.2 95.2	96.3	96.5 96.5		97.9 98.0		99•3 100•0

TOTAL NUMBER OF OBSERVATIONS_

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/1	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30,8 36,9	32.8 39.4	33.0 39.7	33.3 40.0	33.4 40.1	33.4 40.1	33.5 40.2	33.5		33.6 40.4	33.6	33.6 40.4	33.6 40.4	33.6 40.4	33.6 40.4	33.6 40.4
≥ 18000 ≥ 16000	37.0 37.5		39.9 40.4		40.4	40.4	40.4	40.5 41.0	40.5 41.0	40.6 41.1	40.6	40.5 41.1	40.6	40.6	40.6	40.6
≥ 14000 ≥ 12000	38.2 39.1	40.9 41.8	41.1		41.6	41.6 42.7	42.8	41.8 42.8		41.9 42.9	41.9 42.9	41.9	41.9 42.9	41.9 42.9	42.9	41.9 42.9
≥ 10000 ≥ 9000	39.7 40.2	42.5 43.0	42.9 43.3		43.3	43.3	41.5	43.5 44.0	43.5 44.0	43.6	43.6 44.1	43.6 44.1	43.6 44.1	43.6 44.1	43,6	43.6 44.1
≥ 8000 ≥ 7000	40.7 41.1	43.5 44.0	43.9 44.4		44.4	44.4 45.0		44.6 45.2	44.6 45.2	44.7 45.3	44.7 45.3	44.7 45.3	44.7 45.3	44.7	44.7	44.7
≥ 6000 ≥ 5000	41.5 42.6	44.6 45.7	45.0 46.3	46.6	45.5 46.8		45.7 47.0	45.7 47.0		47.1	45.8 47.1	45.8 47.1	45.8 47.1	45.8 47.1	47.1	45.8 47.1
≥ 4500 ≥ 4000	43.3	46.5 48.1	47.0 48.6	47.5 49.0	47.7 49.3	47.7 49.3	47.9 49.5	47.9 49.5	47.9 49.5	48.0 49.6	48.0 49.6	48.0 49.6	48.0 49.6	48.0 49.6	48.0 49.6	48.0 49.6
≥ 3500 ≥ 3000	46.0	49.5 52.0	50.1 52.5	50.5 53.1	50.8 53.3		50.9 53.5	51.0 53.6	51.0 53.6	51.1 53.7	51.1 53.7	51 • 1 53 • 7	51.1 53.7	51.1 53.7	51.1 53.7	51.1 53.7
≥ 2500 ≥ 2000	52.0 57.1	56.3 62.6	57.0 63.4	57.6 64.1	57.9 64.5	58.0 64.5	58.2 64.8	58.3 64.9			58.3 65.0	58.3 65.0	58.3 65.0		65.0	65.0
≥ 1800 ≥ 1500	59.9 63.8	65.7 71.0	66.7 72.2	67.5 73.2	68.0 73.9	68.0 74.0				68.5 74.5	68.5 74.5	68.5 74.5	68.5 74.5	68.5 74.5	68.5 74.5	68.5 74.5
≥ 1200 ≥ 1000	68.3 70.2	78.0 81.4	79.5 83.5		81.7 85.8	81.7 85.9	82,1 86.4	82.3 86.6		86.7		82.4 86.7	82.4 86.7	82.4	86.8	86.8
≥ 900 ≥ 800	70.8	83.0	85.3 86.7		87.8 89,6	89.7		88.6 90.6							90.8	90.8
≥ 700 ≥ 600	71.5	85.0 85.6	87.7 88.5			92.8				92.7		94.4	92.7	92.7 94.5	94.5	92.7 94.5
≥ 500 ≥ 400	71.8	86.1 86.3	89.1 89.4		93.6			96.8				97.6		97.7	97.7	97.7
≥ 300 ≥ 200	71.9	86.3 86.3	89,4	91.9	94.4	95.1	96.6	97.6 97.6	97.9	98.8	99.2	99.3	99.2 99.6	99.7	99.8	99.9
≥ 100	71.9	86.3		91.9 91.9	94.4 94.4			97.6 97.6		98.8 98.8			99.6 99.6			100 · 0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	_						VISIBI	UTAT2) YTŁ	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/5	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥5/16	≥ ¼	≥ 0
NO CEILING	40.5 49.5	42.0 51.5	42.3 51.8	42.5 52.0	42.6 52.1	42.6 52.1	42.6 52.1	42.6 52.1	42.7 52.2	42.7 52.2	42.7 52.2	42.7 52.2	42.7 52.2	42.7 52.2	42.7 52.2	42.7 52.2
≥ 18000 ≥ 16000	49.8 50.2	51.8 52.3	52.1 52.6	52.8 52.8	52.5 53.0	52.5 53.0	52.5 53.0	52.5 53.0	52.6 53.0	52.6 53.0	52.6 53.0	52.6 53.0	52.6 53.0	52.6 53.0		52.6 53.0
≥ 14000 ≥ 12000	50.9 52.0	53.0 54.3	54.6	53.6 54.9	53.7 55.0	53.7 55.0	53.7 55.0	53.7 55.0	53.8 55.1	53.8 55.1	53.8 55.1	53.8 55.1	53.8 55.1	53.8 55.1	55.1	53.8 55.1
≥ 10000 ≥ 9000	52.8 53.3	55.1 55.6			55.8 56.3	55.8 56.3	55.8 56.3	55.8 56.3	55.9 56.4	55.9 56.4	55.9 56.4	55.9 56.4	55.9 56.4	55.9 56.4	55.9 56.4	55.9 56.4
≥ 8000 ≥ 7000	53.9 54.3	56.3 56.9	57.2	56,9 57,5	57.0 57.7	57.0 57.7	57.0 57.7	57.0 57.7	57.1 57.8	57.1 57.8	57.1 57.8	57.1 57.8	57.1 57.8	57.1 57.8	57.1 57.8	57.1 57.8
≥ 6000 ≥ 5000	54.7 56.4	57.3 59.2	57.7 59.5	58.1 59.9	58.2 60.0	58.2	58.2 60.0	58.2 60.0	58.3	58.3 60.1	58.3 60.1	58.3 60.1	58.3 60.1	58.3	58.3 60.1	59.3
≥ 4500 ≥ 4000	57.8 60.6	60.6	63.8	64.2	61.5	61.5	61.5	61.5 64.4	51.5 64.4	61.5	61.5	61.5 64.4	61.5 64.4	61.5	61,5 64.4	61.5
≥ 3500 ≥ 3000	68.7	66.8 72.3	67.2 72.7	67.7 73.2	73.3	73.3	73.3	67.8 73.3	67.9	67.9 73.4	67.9 73.4	67.9 73.4	67.9 73.4	67.9 73.4	67,9 73,4	73.4
≥ 2500 ≥ 2000	73.6	78.5 84.0	79.1 84.7	79.7 85.4	79.9 85.6	79.9 85.6	79,9 85.7	79.9 85.7	85.8	80.0 85.8	80.0 85.8	80.0 85.8	80.0 85.8	80.0 85.8	80.0 85.8	80.0 85.8
≥ 1800 ≥ 1500	79.0	85.8 88.4	86.6	87.3 90.0	87.5 90.3	87.5 90.3	87.6 90.3	87.6 90.3	87.7 90.4	87.7 92.5	87.7 90.5	87.7 90.5	67.7 90.5	87.7 90.5	87.7 90.5	87.7 90.5
≥ 1200 ≥ 1000	82.1 82.8 83.1	90.7 91.3 92.1	91.7 93.1	92.7	93.1	93.1	93.2	93•2 94•7	93.3 94.9	93.4	93.4	93 • 4 94 • 9	93.4	93.4 94.9	93.4	
≥ 900 ≥ 800 ≥ 700	83.2	92.5	93.5 93.9 94.2	94.7 95.2 95.6	95.3 95.9 96.3	95.3 95.9 96.4	95.4 96.0 96.6	95.5	95.6 96.2 96.8	95.7 96.3	95.7 96.3	95.7	95.7 96.3	95.7 96.3	95.7 96.3	
≥ 600	83.4	92.9	94.5		96.9			96.7 97.4 98.0	97.6 98.3		96.9 97.6 98.5	96.9 97.7 98.5	96.9 97.7 98.5	96.9 97.7	96,9 97.7 98,5	96.9 97.7 98.5
≥ 500 ≥ 400 ≥ 300	83.4	93.1	94.9		97.7	97.8	, ,	98.5 98.7	98.7 99.1	98.9	99.0 99.7	99.0		98.5 99.0 99.7		
≥ 200	83.4	93.1	94.9		97.8 97.8	97.9	98.3 98.4	98.8	99.2	99.5	99.7	99.8		99.8	99.8	99.8
≥ 0	83.4	93.1	94.9	96.8	97.8	97.9	98.4	98.8	99.2	99.6	99.8	99.8	L 1	100.0		

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.4 59.0	48.0 61.3		48.5 61.9		48.5 62.0	48.5 62.0			48.6 62.1	48.6 62.1		48.6 62.1	48.6 62.1	48.6 62.1	48.6 62.1
≥ 18000 ≥ 16000	59.6 59.9		62.6	62.5 62.9	63.0	62.6 63.0	62.6 63.0	62.6 63.0	62.7 63.1	62.7 63.1	62.7	62.7 63.1	62.7 63.1	62.7	62.7 63.1	62.7 63.1
≥ 14000 ≥ 12000	61.0 62.2	63.5	65.0			64.2 65.5		64.2 65.5	64.3 65.6	65.6		65.4	64.3 65.6	65.6		65.6
≥ 10000 ≥ 9000	63.8		66.7				66.6 67.1	66.6 67.1	67.2	67.2	67.2	67.2		67.2	67.2	67.2
≥ 8000 ≥ 7000	64.5	68.1	68.4	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9		68.9		58.9	68.9
≥ 6000 ≥ 5000	68.5	71.6	72.0		72.6	72.6	72.6	72.6	72.7		72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500 ≥ 4000	70.3	76.9	77.4		78.0	78.0	78.0	78.0	78,1	74.6 78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500 ≥ 3000	76.6 79.5 82.3	83.8	84.3	84.9	85.1		85.1	85.1	85.2	85.2	85.2	85.2	85.2	81.5 85.2	85.2	85.2
≥ 2500 ≥ 2000 ≥ 1800	84.,8	90.5	91.1	91.8	92.0	92.0	88.8 92.1 92.9	92.1	88.9 92.2 93.0	92.2	92.2	88.9 92.2	92.2	92.2	92.2	92.2
≥ 1500 ≥ 1500 ≥ 1200	86.1	92.4	:	94.0	94.3	94.4	94.4	94.4		94.6	94.6	94.6	94.6	94.6		94.6
≥ 1000	86.9	94.1		95.9	96.5	96.5	96.6	96.7		96.8	96.8	96.8	96.8	96.8 97.2	96.8	96.8
≥ 800	87.3 87.4		95.5		97.2	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	87.5		95,9	97.1	97.8	97.8		98.1		98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	87.5 87.5		96.0	97.3	98.1		98.6	98.8	99.0	99.2	99.2		99.2	99.2	99.2	99.2
≥ 200	87.5 87.5	94.9	96.1	97.3 97.3	98.2	98.3	98.8	99.2	99.3	99.7	99.8	99.8	99.3		99.8	99.9
≥ 0											99.8	99.3	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 101.64 G-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1800-2000

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¼	≥ ⅓	≥ %	≥5/16	≥ 14	≥ 0
NO CEILING ≥ 20000	50.4 64.4	52.4 67.6		52.7 68.0	52.8 68.2	52.8 68.2	52.9 68.3	52.9 68.3	53.0 68.3							
≥ 18000 ≥ 16000	64.9 65.4	68.2 68.7		69.1	69.3	68.7 69.4	68,8 69.5	68.8 69.5	68.9 69.5	68.9 69.5	68.9 69.5	68.9 69.5	58.9	68.9	68.9 69.5	
≥ 14000 ≥ 12000	67.0 68.2	70.4 71.5	71.8	72.0	72.2	72.3	71.2 72.4	72.4	72.4	72.4	72.4	71.3 72.4	72.4	72.4	71.3 72.4	
≥ 10000 ≥ 9000	68.9 69.5	72.9	73.3	73.4	73.7	73.7	73.1 73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9		1
≥ 8000 ≥ 7000	70.3	73.7 75.1	75.4	75.6	75.8	75.9	74.6 76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000 ≥ 5000	73.5	77.2	77.6	77.8	78.1	78,2	77.0 78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500 ≥ 4000	74.2		30.1	80.3	80.6	80.7	79.2 80.8	80.8	80.9	79.2 80.9	80.9	80.9	79.2 80.9	80.9	79.2 8J.9	80.9
≥ 3500 ≥ 3000	77.3 79.5	84.0		85.0	85.3	85.4	82,8 85,5	85.5	85.6	85.6	85.6	82.9 85.6	85.6	85.6	82,9 85.6	25.6
≥ 2500 ≥ 2000	81.4		89.1	89.5	89.9	90.0	87.9 90.1	90.1	90.2	90.2	90.2	90.2	88.0 90.2	90.2	90.2	90.2
≥ 1800 ≥ 1500	83.7 85.1	91.1	91.9	92.4	91.0 92.9	93.0	91.2 93.1	93.1	93.2	93.2	93.3	93.3	91.3 93.3	93.7	91,3 93,3	93.3
≥ 1200 ≥ 1000	80.8 86.5	92.7	94.8	95.4	96.0	96.1	94.8	96.4	96.5	96.5	96.5	95.0	96.5	96.5	95.0 96.5	96.5
≥ 900 ≥ 800	86.8	94.0 94.2 94.3	95.2	96.0	96.3 96.6	96.7	96.6 97.0	97.1	97.1	97.1	97.2	96.8	97.2	97.2	96.8 97.2	97.2
≥ 700 ≥ 600		94.4	95.6	96.3	97.1	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.6 97.8	97.8
≥ 500 ≥ 400	87.0 87.0	94.5	95.8	96.6	97.6	98.0	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.4 98.8	98.8
≥ 300 ≥ 200 ≥ 100	87.0	94.6	95.9	96.7	97.8	98.1	98.5	98.9	99.1	99.5	99.7	99.7	99.8	99.8	99.4	99.8
≥ 0	87.0	94.6	95.9	96.7	97.8	98.1	98.5	98.9	99.1	99,5	99.8	99.8	100.0	100.0	99,9 100.0	100.0

IOTAL NUMBER OF OBSERVATIONS_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

1

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_2100-2300

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ ¾	≥%	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.7 55.7	50.1 58.7	50.3 59.0	50.5 59.2	50.5 59.2	50.6 59.3	50.7 59.4	50.7 59.5	59.5							
≥ 18000 ≥ 16000	56.0 56.3	59.1 59.3		59.5 59.8		59.7 60.0	59.8 60.1	59.9 60.2	59,9 60,2	60.2						
≥ 14000 ≥ 12000	57.2 58.2	61.3		61.8			62.2	61.0 62.2	61.0 62.2	61.0	61.0	61.0	62.2	62.2	61.0	62.2
≥ 10000 ≥ 9000	58.9 59.4	62.0 62.6	62.4	62.6	62.7		62.9	62.9 63.6	62.9	62.9	62.9 53.6	62.9 63.6	62.9	63.6	62.9 63.6	
≥ 8000 ≥ 7000	60.2 60.8 61.3	63.5 64.2 64.8	63.8 64.6 65.1	64,1 64,8 65,4	64.3 65.0 65.5	64.3 65.0 65.7	64.4 65.2 65.8	64.5 65.2	64.5 65.2 65.8	64.5 65.2 65.8	64.5 65.2 65.8	64.5 65.2 65.8	64.5 65.2 65.8	64.5 65.2 65.8	64.5 65.2 65.8	64.5 65.2 65.8
≥ 6000 > 5000 ≥ 4500	61.8	65.4	65.8	66.1	66.3	66.4	66.5	65.8 66.5 67.1	66.5	66.5	66.5	66.5	66.5	66.5 67.1		66.5
≥ 4500 ≥ 4000 ≥ 3500	62.8	66.7	67.1			67.7		67.8				67.9 68.8	67.8	67.8		67.8
≥ 3000	64.9	69.0	69.5		70.0 71.8		70.2		70.3		70.3	70.3 72.1		70.3 72.1		
≥ 2000	68.7	73.6	74.3	74.7	74.9			75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	73.7	79.7	80.5	81.1	81.3	87.8	81.6	81.7	81.7	81.7	81.7		81.7	81.7	81.7	81.7
≥ 1000	80.9	89.1 90.1	90.2						91.7	91.7 92.9	91.7 92.9	91.7 92.9	91.7		91.7	
≥ 800 ≥ 700	82.2 82.7		93.4	94.4	94.9	93.9 95.1	95,3	95.4	95.4		95.5	95.5	95.5	95.5	94.2	95.5
≥ 600	83.0	93.3	94.7	95.8	96.6	96.8	97.1	97.3		97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	83.3	93.7	95.4	96.8	97.8	98.1	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200 ≥ 100 ≥ 0	83.3 83.3	93.7	95.4	96.8					99.4	99.7	99.8		99.9	99.9	99.9	99.8 99.9

TOTAL NUMBER OF OBSERVATIONS_

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

THE STATE OF

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	38.2 43.3	40.8 46.5	41.1 46.8	41.1 46.8	41.1 46.9	41.1 46.9	41.1	41.1 46.9	41.1 46.9	41.1 46.9	41.1	41.1 46.9	41.1 46.9	41.1	41.2 46.9	
≥ 18000 ≥ 16000	43.7	46.9 46.9	47.1 47.2	47.2 47.2	47.2 47.3	47.2	47.2 47.3	47.2 47.3	47 2 47 3	47.3	47.2 47.3	47.2	47.2 47.3	47.2 47.3	47.3 47.3	47.3
≥ 14000 ≥ 12000	44.2 45.0		47.8 48.8	47.8 48.8	47.9 48.9	47.9 48.9		47.9 48.9	47.9 48.9	48.9	47.9 48.9	47.9 48.9	47.9 48.9	47.9 48.9	47.9 48.9	47.9 48.9
≥ 10000 ≥ 9000	45.6 45.9	49.6		_	49.6 50.0		49.6 50.0		49.6 50.0	50.0		49.6 50.0	49.6 50.0		50.0	50.0
≥ 8000 ≥ 7000	46.4	50.7	50.9		51.1	50.6	50.6 51.1	51.1	50.6 51.1	51.1	50.6 51.1	50.6 51.1	50.6 51.1	50.6 51.1	51.1	50.6 51.1
≥ 6000 ≥ 5000	47.2	52.1	52.5		52.6		52.6	52.6	51.6 52.6	52.6	52.6	52.6	52.6	51.6 52.6	52.7	
≥ 4500 ≥ 4000	48.2 49.0 50.1	53.4	53.7	52.9 53.9 55.1			53.9	53.9	53.0 53.9	53.9	53.9		53.9	53.0 53.9	54.0	54.0
≥ 3500 ≥ 3000		55.6	56.1	56.3	56.3	,	56.3	56.3		56.3	56.3			55.2 56.3	56.4	56.4
≥ 2500 ≥ 2000 ≥ 1800	54.9	60.4	60.8	61.1	61.2	61.2	61.3	61.3	58.2 61.3	61.3	61.3	58.2 61.3	61.3	58.2 61.3 63.7	61.3	61.3
≥ 1800 ≥ 1500 ≥ 1200	61.2	67.8	68,4	68.7			68.9	69.0	-	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1000	74.2	84.4	85.4	85.9	86.2	86.2 89.1	86.3	86.4	86.4	86.5	86.5	86.5		86.5	86.5	86.5
≥ 700	78.0	89.8	91.0				92.3	92.3	92.3	92.4	92.4	92.4		92.4		92.5
≥ 600	79.6		93.9	95.1			95.7	95.8	95.8		95.9 97.3	95.9	95.9	95.9		95.9
≥ 400	80.0	1	95.9	97.2 97.5	97.7	97.9 98.4	98.3		99.1	98.5	98.6 99.4	98.6	98.6	98.6	98.6 99.4	98.6
≥ 200	80.1			97.7 97.7	98.4 98.4	98.5 98.5	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	
≥ 0	80.1	94.0	96.0	97.7	98.4	98 _• 5	99.1	99.4			99.8	99.9	99.9			

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ARSA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	26.1 29.1		33.9	34.4	31.0 34.8			31.3 35.2	31.3 35.2	31.4 35.3	31,4	31.4	31.5 35.3	31.5 35.3	31,5 35,4	31.6 35.5
≥ 18000 ≥ 16000	29.1 29.2	33.3 33.4	34.1	34.5	34.8 34.9	35.0	35.3	35.2 35.3	35.3 35.3	35.3 35.4	35.4 35.5	35.4 35.5	35.5 35.5	35.5 35.5	35.5 35.6	35.6 35.7
≥ 14000 ≥ 12000	29.6 30.4	33.8 34.7	35.4	35.0 35.9	35.4 36.4	36,4		35.8 36.7	35.8 36.8		36.0 36.9	36.9	36.0 37.0	36.0 37.0	36.1 37.0	36.1 37.1
≥ 10000 ≥ 9000	31.5				37.7 38.3	38.4		38.1 38.7	38.1 38.7	38.2 38.8	38.3 38.9	38.3 38.9	38.3 38.9	38.3	39.0	39.0
≥ 8000 ≥ 7000	32.8	37,9	38,6	39.1	39.0 39.6		39.9		40.0	40.1	39.5 40.2	39.5 40.2	39.6 40.2	40.2	39.6 40.3	40.3
≥ 6000 ≥ 5000	33.4	38.6 39.5	40.3	40.8	40.3	41.4			40.7 41.7	40.8 41.8	40.9		40.9 41.9	40.9	41.0 42.0	42.1
≥ 4500 ≥ 4000	34.7 35.5			42.3		42.9	43.2		42.2 43.3	42.3 43.3	43.4	43.4		42.4 43.5	42.5 43.5	43.6
≥ 3500 ≥ 3000		42.9	43.8	44.4	44.9	44.9	45.2			44.4	44.5 45.4	45.4	44.5 45.5	44.5 45.5	44.6 45.5	45.6
≥ 2500 ≥ 2000	38.7 41.6		50.2	51.0	51.5	51.7	51.9	52.0	52.0	52.1	52.2	52.2	48.0 52.2	52.2	48.1 52.3	52.3
≥ 1800 ≥ 1500 ≥ 1200	43.2 47.9 55.4		58.6	59.5	53.7 60.1	60.3	60.5			54.3 60.7	54.4 60.8			60.8		61.0
≥ 1000	59.3				70.6 77.2 80.1					71.3 78.0	78.1	78.1	71.4 78.1	71.4 78.1	71.4	78.2
≥ 900 ≥ 800 ≥ 700	62.8	78.2		82.4		84.0	84.5		80.9 84.7 88.3		84.8		81.1			85.0
≥ 600	65.7	82.6	85.9	87.9		89,9	90.4	90.6 93.2		90.7	88.6 90.9 93.6	90.9	88.6 90.7 93.6	90.9	88,7 91.0 93.7	91.1
≥ 400	56.2		89.2	91.9	94.1	94.5	95.3	95.6 96.9	95.6		95.9	95.9	96.0 97.6	96.0	96.0	96.2
≥ 200	66.4	85.5	89.8	92.6	95.3	95.7		97.3	97.3	97.8	98.1			98.4	98.5	98.7
≥ 0					95.4	95.8	96.9	97.5	97.5	98.0	98.4					100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

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RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	- %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.5 23.1	22.7	23.5		24.4			24.6					24.9 30.0			25.0 30.2
≥ 18000 ≥ 16000	23.2	27.3 27.4	28.5	28.9	29.6	29,	29.7 8	29.8 29.8				30.1		30.2	30.3 30.3	
≥ 14000 ≥ 12000	23.6	29.0	30.1	30.5	31.3	31.4			31.6	31.7	31.8	31.8	31.9	31.9	32.0	32.2
≥ 10000 ≥ 9000	25.7		31.8	32.3	33.1	33.2	33.3		33.4	33.6	33.7	33.7	33.4 33.8	33.8	34.0	
≥ 8000 ≥ 7000	26.7 27.2		33.5	33.3 34.1	34.9	35.0	35.1		35.2	35.4	35.5	35.6		35.6	35,3	35.2
≥ 6000 ≥ 5000		34.5	35.9	36.4	37.3	37.4	37.5	37.5	37.6		37.9	37.9		38.0		38.3
≥ 4500 ≥ 4000	29.2	35,8	36.3 37.3	37.9	38.8	38.9	38.0 39.0	39.0	37.1	39.3	39.4	39.5	39.5	39.5	39.7	
≥ 3500 ≥ 3000	30.5	38.5	40.0	40.7	41.7	41.8	41.9	41.9	42.0	42.2	42.3	42.3		42.4		42.7
≥ 2500 ≥ 2000	33.3 36.6	45.2		48.2	49.6	44.7	50.0		50.2	50.5	50.5	50.6		50.7	50.9	51.0
≥ 1800 ≥ 1500		52.8	55.3	56.3	58.1	58.3	58.6		58.8	59.1	59.2			59.3	59.5	
≥ 1000 ≥ 1000		67,8	71.1	73.1	67.5 75.4	75.8	76.3	76.3	76.5	76.8	77.0	77.0	69.0 77.1	77.2	77.3	77.5
≥ 900 ≥ 800	53.9 55.4	73.1	77.1	79.7	82.7	79.0 83.2	83.9	84.1	84.3	84.6	80.3 84.8	84.8	85.0	85.0	85.2	80.9 85.3
≥ 700 ≥ 600	56.3 56.9	76.2		84.5	85.7 88.1	88.7	87.0 89.7	90.1	90.3	87.9 90.7	90.9	90.9	91.1	91.1	91.3	21.4
≥ 500 ≥ 400	57.6 57.6		82.9	37.1	91.2	92.0	92•1 93•4	94.2	94.5	93.2 95.0	95.4			95.6	95.8	96.0
≥ 300 ≥ 200	57.6	78.0	83.3	87.6	92.0	92.8	94.6	95.6	96.0	96.9	97.6	97.6	98.0	98.2	97,5 98,5	98.8
≥ 100 ≥ 0		78.1 78.1	83.4	87.7	92.0	92.9	94.5	95.7 95.7	96.1 96.1	97.2 97.2	98.0 98.0	98 • 1 98 • 1	98.5 98.5	98.9 98.9	99.4 99.4	99.8

TOTAL NUMBER OF OBSERVATIONS_

3437

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

CEILING VERSUS VISIBILITY

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RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 16	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.5 39.4	34.9 42.3		,			35.4 43.0			35.5 43.0			35.5 43.0	35.5 43.0	35,5 43.0	1
2 18000	39.5 39.7	42.4 42.6	• -		43.0 43.3	43.3	43.1 43.3	43.1 43.3	43.1 43.3	43.1 43.3	43.1 43.3	43.1 43.3	43.1 43.3	43.1 43.3	43.1	43.1 43.3
≥ 14000 ≥ 12000	40.1 41.0	43.2		43.7 44.9		45.0	43.9 45.0	43.9 45.0	43.9 45.0	43.9 45.0	43.9 45.0	43.9 45.0	43.9 45.0	43.9 45.0	43.9 45.0	43.9
≥ 10000 ≥ 9000	42.2 42.5	45.7	46.1 46.7	46.3 46.9	46.4 47.0				46.4 47.0	46.5 47.0		46.5 47.0				
≥ 8000 ≥ 7060	43.9	47.0			47.7 48.8					48.8	48.8	48.9		48.8	48.8	48.8
≥ 6000 ≥ 5000	44.7	49.0 50.0	50.5	50.8	49.8 50.8	50.8		49.8 50.9		50.9	50.9	50.9		50.9	50.9	50.9
≥ 4500 ≥ 4000 ≥ 3500	46.1 47.8 49.9	50.6 52.6	53.1	51.4 53.4 55.8		53.5	53.5	53.6	53.6	53.7	53.7	53.7	51.6 53.7	53.7	53,7	53.7
≥ 3500 ≥ 3600 ≥ 2500	54.1	59.6	60.1	60.6	60.7	60.7	60.8		60.8	60.9		60.9	56.1 60.9	60.9	56.1 60.9	
≥ 1800	66.6	74,5	75.3	75.9		76.2	76.3	76.4 79.6	76.4	76.5	76.5	76.5		76.5	68.2 76.5 79.7	76.5
≥ 1500	73.4	83.3 88.0	84.4	85.2	85.6 91.1	85.6	85.8		85.9	86.0	86.0	86.0	86.0 91.5	86.0	86.0 91.5	86.0
≥ 1000	78.1 78.4	90.7	92.4	93.6	94.3	94.3	94.5	94.7	94.7	94.8 95.6		94.8			94.9	94.9
≥ 800 ≥ 700	78.6 78.8	92.7	94.0	95.4	96.2	96.3	96.5	96.7 97.5			96.8	96.8			96.9 97.7	96.9
≥ 600 ≥ 500	78.9 79.0	92.8		96.5	97.6	97.7	97.9		98.1	98.3		98.3				98.4
≥ 400	79.0 79.1	93.2		96.9 97.0	98.0 98.1	98.2	98.6		99.0	99.3	99.3	99.3				99.4
≥ 200	79.1 79.1	93.2		97.0 97.0	98 • 1 98 • 1	98.3	98.9		99.3	99.7		99.8		99.9	99.9	99.9
≥ 0	79.1	93.2	95.3	97.0	98.2		98.9					99.9			100.0	

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC ALL O-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	**************************************	E MILES)				_			
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⁄3	≥5/16	≥ ;,	≥ 0
NO CEILING ≥ 20000	41.5 50.4		_	43.1 52.8		43.1 52.8		43.1 52.8	43.1 52.8	43.2 52.9	43.2 52.9	43.2 52.9	43.2 52.9	43.2 52.9		43.2 52.9
≥ 18000 ≥ 16000	50.9 51.2		53.6	53.4 53.7	53.4 53.7	53.4 53.7	53.8	53.8	53.4 53.8	53.8	53.4 53.8	53.4 53.8	53.4 53.8	53.4 53.8	53.8	53.8
≥ 14000 ≥ 12000	51.8 52.4	54.9	55.2	55.3	54.3 55.3	54.3 55.3	55.4	55.4		55.4	54.4 55.4	54.4 55.4	54.4 55.4	54.4 55.4	55.4	55.4
≥ 10000 ≥ 9000	53.5 53.8	56.4	56.8	57.0	57.0	57.0	57.0	57.0		57.1	56.7 57.1	56.7 57.1	56.7 57.1	56.7 57.1	56,7 57.1	57.1
≥ 8000	54.7 55.4	58.2	58.6	58.8	58.8		58.8		58.0 58.8	58.1 58.9	58.1 58.9	58.1 58.9				
≥ 6000	56.2 58.1	61.1	61.4	61.7	61.7	59.7 61.7	£1.7	61.7	59.7 61.7	59.8		59.8	59.8 61.8	59.8 61.8	61.8	
≥ 4500 ≥ 4000 ≥ 3500		67.9		68.5	63.9 68.5 74.1	63.9 68.5 74.1			63.9 68.6 74.2		64.0 68.6 74.2	68.6	64.0 65.6 74.2	64.0 68.6 74.2		68.6
≥ 3000	76.5 81.3	80.9		81.6	81.7	81.7	81.8	81.8 87.9	81.8	81.9	81.9	81.9	81.9	81.9		81.9
≥ 2000	85.0	91.7	92.2	92.7		93.0	93.1		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	87.0 87.4	94.7				96.2	96.3	96.4	96.4	96.5	96.5	96.5 97.5	96.5		96.5	96.5
≥ 1000	87.9		96.9		97.9 98.1	98.0	98.2		98.3	98.4	98.4 98.6	98.4	98.4	98.4	98.4	98.4
≥ 800	88.1	96.6				98.6	98.8			99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	88.1	96.8	97.4 97.4	98.3		99.0	99.4	99.3 99.5	99.3 99.5	99.4			99.4	99.4		99.6
≥ 400	88.2	96.8	97.6	98.5	98.9	99.2	99,6	99.7	99.7	99.9	99.8	99.9	99.9		99.9	69.9
≥ 200	88.2	96.8	97.6	98.5	98.9	99.2	99.6	99.8	99.8	100.0	99.9 100.0	100.0	100.0	100.0	100,0	100.0
≥ 0	88.2	96.8	97.6	98.5	98.9	99.2	99.6	99.8	99.8	100.0	100.0	100-0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBII	ITY (STATU	TE MILES)							
(FEET)	≥ 16	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¾	2 %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.8 62.9	52.3 65.1	52.4 65.3	52.4 65.4	52.5 65.6	52.5 65.5	52.5 65.5		52.5 65.6		52.5 65.6	52.5 65.6	52.5 65.6	52.5 65.6	52,5 65.6	52.5 65.6
≥ 18000 ≥ 16000	63.3	65.5 65.9	65.6 66.1		66.0	66.0	66.4		66.0	66.0	66.0	66.0	66.0	66.0 66.4	66.0	66.0
≥ 14000 ≥ 12000	64.1 65.2	66.6			67.1	67.1 68.2	67.1 68.2		67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2
≥ 10000 ≥ 9000	66.3 66.6	68.8		69.2 69.5	69.8		69.4 69.8		69.4	69.4	69.4	69.4 69.8	69.4 69.8	69.4 69.8	69.4	
≥ 8000 ≥ 7000	67.4 68.2	70.0		70.4	70.6 71.5	71.5	70.6 71.5	70.6 71.6	70.6 71.6	70.6 71.6	70.6	70.6	70.6	70.6	70.6 71.6	70.6
≥ 6000 ≥ 5000	69.6 73.1	72.6					73.3		73.3	73.3	73.3	73.3	73.3	73.3 77.0	73.3 77.0	73.3
≥ 450() ≥ 400')	76.0 79.8	77.4 83.4	83.7		84,2	80.1 84.2	80.1 84.2	60.2 84.3	80.2 84.3	80.2 84.3	80.2 84.3	80.2 84.3	80.2	80.2 84.3	80.2 84.3	80.2 84.3
≥ 3500 ≥ 3000	92.9 86.1	90.6	90.9			87.8 91.5	87.8 91.6	87.8 91.6	87.8 91.6	87.8 91.6	87.8 91.6	87.8 91.6	37.8 91.6	87.8 91.6	87.8 91.6	87.8 91.6
≥ 2500 ≥ 20m	88.1	93.1 95.4			94.1		94.2 96.6	94•2 96•6	94.2		94.2	94.2 96.6	94.2	94.2	94.2 96.7	
≥ 1800 ≥ 1500	89.9 90.2	95.5 96.0	96.4	96.3 96.9	97.3	97.4			96.8 97.5	96.8 97.5	97.5	96.8 97.5	96.8 97.5	96.8 97.5	96.8 97.5	
≥ 1200 ≥ 1000	90.6	96.6	97.4		98.4				98•1 98•6	98.6	98.7	98 • 2 98 • 7			98,3 98,7	98.3 98.7
≥ 900 ≥ 800	90.8		97.7	98.4		98.9	-	99.0	99.0	99.1	99.2	98.9 99.2	99.2	99,2	98.9 99.2	99.2
≥ 700 ≥ 600	90.9	97.3		98.6	99.1	99.2				99.4	99.5	99.3	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	91.0 91.0	97.4		98.8	99.3	99.4	99.5 99.5	99.6		99,8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	91.0 91.0	97.4	98.0	98.8	97.3		99.5		99.7 99.7	99,9	99.9	99.9	100.0	100.0	100.0 100.0	100.0
≥ 100 ≥ 0	91.0 91.0		98.0 98.0			99.5			99.7 99.7	99.9	99.9	99.9	100 • 0 100 • 0	100•0 100•0	100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800=2000

CEILING							VISIBIL	ity (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.5 71.4	56.2 74.0	56.4 74.2	56.5 74.4	56.5 74.6		56.5 74.6	74.6		56.5 74.6		56.5 74.6	56.5 74.6	56.5 74.6	56.5 74.6	56.5 74.6
≥ 18000 ≥ 16000	71.8	74.4 74.8	74.7 75.0	74.9 75.3		75.4	75.0 75.4	75.0 75.4	75,4	75.4	75.4	75.0 75.4	75.0 75.4	75.0 75.4	75.0 75.4	75.0 75.4
≥ 14000 ≥ 12000	73.2 74.8	75.9 77.7			78.3	78.3	76.5 78.3	76.5 78.3	78.3	76.5 78.3	76.5 78.2	76.5 78.3	76.5 78.3	76.5 78.3	76,5 78.3	
≥ 10000 ≥ 9000	75.9 76.3		79.8	80.0	79.8	80.2	79.8 80.2		79.8 80.2	79.8 80.2	79.8 80.2	79.8 80.2	79.8 80.2	79.8 86.2	79,8 80,2	
≥ 8000 ≥ 7000	76.9 77.8	80.2	81.6	81.9	92.0	82.0	81.1 82.0		81.1 82.0	81.1 82.0	81.1 82.0	81.1 82.0	81.1 82.0	81.1 62.0	81.1 82.0	82.0
≥ 6000 ≥ 5000	78.5 80.5	82.1 84.4			82.9 85.3	82.9 85.3	82.9 85.3		82.9 85.3	82.9 85.3	82.9	82.9 85.3	82.9 85.3	82.9 85.3	82.9 85.3	85.3
≥ 4500 ≥ 4000	81.5	85.5 87.4		86.4		86.6 88.4	86.6 68.4			86.6 88.4	86.6 88.4	86.6 88.4	86.6 88.4	86.6 88.4		83.4
≥ 3500 ≥ 3000	84,4	89.0 91.4		89.8 92.2	90.0 92.4		90.0	90 • 0 92 • 4		90.0 92.4	90.0	90.0 92.4	90.0 92.4	90.0 92.4	90.0 92.4	
≥ 2500 ≥ 2000	87.1 88.3	92.8	95,1	93.8 35.5			94.1 95.9		94•1 95•9	94.1 95.9		94 • 1 96 • 0	94.1 96.0	94 • 1 96 • 0	94.1 90.0	96.0
≥ 1800 ≥ 1500	88.5	94.8	96.4	95.9 96.9		97.3				96.3 97.4	97.4		97.4	97.4	96,3 97.4	97.4
≥ 1200 ≥ 1000	89.6 90.0	96.8	97.1 97.6				98.2 98.6	98.7	98.7		98.9		98.8	98.8	98.8	98.8
≥ 900 ≥ 800	90 • 1 90 • 1	96.9 97.1	97.9	98.4 98.5		99.0		99.1	99.1	99,	19.0			99.2		99.2
≥ 700 ≥ 600	90.2	97.2	98.0 98.1	98.6 98.7	59.2	39.2	99.2	99.1	99.3		99.5	99.5	99.4 99.5	99.5		99.5
≥ 500 ≥ 400	90 • 2 90 • 2	97.2 97.2			99.4	99.4					99.7					99.7
≥ 300 ≥ 26:	90.2	97.2			99.5	99.5			99.7		99.9	99.9		99.9	99.9	99.9
≥ 100 ≥ 0	90 • 2 90 • 2	97.2 97.2	98.2 98.2		99.5 99.5		99.6				99.9 99.9	99.9	100 • 0 100 • 0	100 • 0 100 • 0	100,0 100,0	100 • 0 100 • 0

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTAT2) YTI.	TE MILES)							ĺ
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/3	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.0 64.3	55.5 66.8	55.6 66.9	55.7 67.0	55.7 67.1	55.7 67.1	55. 67.1	55.8 67.2	55.8 67.2	55.8 67.2	55.8 67.2	55.8 67.2	55.8 67.2	55.8 67.2	55.8 67.2	1 1
≥ 18000 ≥ 16000	64.8 65.0		67.4		67.5 67.9	67.6 67.9	67,7 67.9	67.7 68.0	67.7 68.0	67.7 68.0	67.7 68.0	67.7 68.0	67.7 68.0	67.7 68.0	67.7 68.0	67.7 68.0
≥ 14000 ≥ 12000	65.9 66.7	69.5	68.6	68.7 69.7	68.8 69.8	68.8 69.8	68.8 69.8	68.9 69.9	68.9 69.9		68.9 69.9	68.9 69.9	68.9 69.9	68.9 69.9	68.9 69.9	68.9
≥ 10000 ≥ 9000	67.5 67.8	70.5	70.8				71.0	71.0	71.0	71.0	70.8 71.0		70.8		71.0	70.8
≥ 8000 ≥ 7000	68.3	71.9	72.0		71.7	71.7 72.3	72.3		72.3	72.3	71.7 72.3	71.7	71.7 72.3		71.7 72.3	72.3
≥ 6000 ≥ 5000	69.5 70.5	74.0	74.2	74.4	74.5	73.1			73.2	74.6	73.2 74.6	73.2 74.6	73.2 74.5	73.2 74.6		74.6
≥ 4500 ≥ 4000	71.2 72.2 73.3	76.0	76,3	75.2 76.4 77.6		75.4 76.6	76.6	76.6	75.4	76.6	75.4 76.6	75.4 76.6	75.4 76.6	75.4 76.6	75,4 76.6	76.6
≥ 3500	74.3 75.8	78.5		79.0		77.8	79.2	77.8	79.2	79.2	79.2	77.8	77.8	79.2	79.2	79.2
≥ 2500	78.3 79.8	83.1		80.7 83.8 85.7	83.9	80.9	84.0			84.0	80.9 84.0	80.9 84.0		84.0	84.0	84.0
≥ 1800 ≥ 1500	82.6			89.2	89.3	85.9		86.0		89.4	86.0 89.4	86.0 89.4	86.0		89.4	89.4
≥ 1200 ≥ 1000	87.6 87.9	94.7	95.5	96.1		94.0 96.3 97.0		94.1 96.4 97.2	94 • 1 96 • 4 97 • 2	94.2 96.5	94.2 96.3 97.2	94.2 96.5 97.2	94.2 96.5 97.2	94 • 2 96 • 5 97 • 2	94.2 96.5 97.2	96.5
≥ 900 ≥ 800 ≥ 700	88.6	95.9 96.4	96.8	97.5	97.7 98.2	97.7 98.2	97.8	97.8	97.8				97.9			97.9
≥ 600 ≥ 500	88.7	96.8	97.8				98.9	99.0		99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300 ≥ 400 ≥ 300	88.9	97.0		98.9		99.5	99.4		99.5	99.6		99.6	99.6	99.6	99.6	
≥ 200	88.9	97.1	98.3	99.1		99.5	97.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.9		98.3		99.5	99.5		99.8								100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 101.54 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0000=0200

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/3	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.0 52.9	50.0 55.1	50.3 55.3	50.5 55.6	50.5 55.6	50.5 55.6	50.5 55.6	50.5 55.6	50.5 55.6	50.5 55.6		50.6 55.7	50.6 55.7	50.6 55.7	50.6 55.7	
≥ 18000 ≥ 16000	53.1 53.4	55.3 55.6			55.8 56.1	55.8 56.1	55.8 56.1	55.8 56.1		55.8 56.1	55.8 36.2	55.8 56.2	55.8 56.2	55.8 56.2	55.8 56.2	1
≥ 14000 ≥ 12000	53.9 54.7	56.1 57.0	57.2	57.4		56.6 57.5	56.6 57.5	56.6 57.5	57.5	57.5	57.5	56.6 57.5		57.5	56.6 57.5	57.6
≥ 10000 ≥ 9000	55.4 55.5		58.1 50.1	58.4			58.4	58.4 58.4		58.4 58.4	58.4 58.5	58.4 58.5	58.4 58.5	58.5	58.4 58.5	58.5
≥ 8000 ≥ 7000	56.0 56.5	58.5 59.1	58.7 59.3	59.6	59.1 59.7		59.1 59.7	59.1 59.7	59.1 59.7	59.1 59.7	59.7	59.1 59.7	59.1 59.7	59.1 59.7	59.1 59.7	59.7
≥ 6000 ≥ 5000	56.8 57.3	59.5 60.0	59.7 60.2	60.5	60.1		60.1	60.1	60.6			60.1 60.6	60.1 60.6		60.1 60.6	,,
≥ 4500 ≥ 4000	57.4 57.9	60.2	61.0	61.3		61.4		60.8		61.4	61.4	60.8	60.8	61.4	60.8	61.4
≥ 3500 ≥ 3000	58.4 58.9		61.6	61.9 62.5				62.6 62.6	62.0 62.6		62.6	62.6	62.6	62.6	62.6	62.6
≥ 2500 ≥ 2000	64.1	63.8				64.5	64.5 68.1	64.5 68.1	64.5	64.5	64.5 68.1	68.1	64.5 68.1	64.5 68.1	64.5 <u>18.1</u>	68.1
≥ 1800 ≥ 1500	67.1 72.8	70.5 76.8 85.4	70.9 77.1 85.7	71.2 77.5	71.3	77.7	77.7	71.3		71.3		71.4	71.4	77.7	71.4 77.7	77.8
≥ 1200 ≥ 1000	80.7 85.6	90.9	91.4	91.9	86.5 92.4	92.4			86.5 92.4		92.5	86.5 92.5			86.5 92.5	92.5
≥ 900 ≥ 800	87.5 89.0	93.1				96.3					96.4		96.4	96.4	96.4	96.5
≥ 700 ≥ 600	90.5	96.0 96.8		98.C		98.5	98.6		98.6	98.6	98.7	98.7	913.7	98.7		98.7
≥ 500 ≥ 400		97.5		98.9		99.5			99,6	99,2 99,6	99.7		99.7	99.7		99.7
≥ 300 ≥ 200	91.0 91.0	97.7	98.3		99.7	99.7	99.8	99.8	99.8	99.8		100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	91.0 91.0							99.8 99.8								100.0 100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 10164 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBII	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	28.1	30.9 35.0	31.3 35.4	31.5 35.6	31.8 35.9			32.0 36.1	32.0 36.1	32.0 36.1	32.0 36.1	32.0 36.1	32.0 36.1	32.0 36.1	32.1 35.2	32.2 36.3
≥ 18000 ≥ 16000	32.1 32.4	35.2 35.4	35.6 35.9	35.8 36.1	36.1 36.4	36.2 36.5	36.3 36.5	36.3 36.5	36.3 36.5	36.3 36.6	36.4 36.6	36.4 36.6	36.4 36.6	36.4 36.6	36.4 36.7	36.5 36.8
≥ 14000 ≥ 12000	32.8 33.9	36.0 37.1	36.5 37.6	36.7 37.8	37.0 38.1	38.2	37.2 38.3	37.2 38.3	37.2 38.3	37.2 38.3	37.2 38.4	37.2 38.4	37.2 38.4	37.2 38.4	37.3 38.4	
≥ 10000 ≥ 9000	34.7 34.7	38.1 38.1	38.5 38.6	38.8	39.1 39.1	39.1 39.2	39.2 39.3		39.2 39.3	39.3 39.3	39.3 39.4	39.3 39.4	39.3 39.4	39.3 39.4	39.4 39.4	1
≥ 8000 ≥ 7000	35.0 35.3	38.4 38.9		39.1 39.6	39.4 39.9	39.4 40.0	39.5 40.1	39.5 40.1	39.5 40.1	39.6 40.1	39.6 40.2	39.6 40.2	39.6	39.6 40.2	39.7 40.2	39.8
≥ 6000 ≥ 5000	35.7 35.9	39.2 39.5	39.7 40.0		40.3	40.4 49.7	40.5 40.8		40.5 40.8	40.5 40.8	40.6	40.6 40.9	40.6	40.6 40.9	40.6 40.9	40.7
≥ 4590 ≥ 4000	36.4 36.6	40.5	40.6 41.0	41.3	41.7	41.3 41.7	41,3 41.8	41.3 41.9	41.9	41.4 41.9	41.4	41.4	41.4	41.4 42.0	41.5 42.0	41.6
≥ 3500 ≥ 3000	37.4 38.2	41.3	41.9 42.8	42.1 43.1	42.5 43.5	42.6 43.5	42.7 43.6	42.7 43.7	42.7	42.7	42.8 43.8	42.8	42.8 43.8	42.8 43.8	42.8 43.8	42.9 43.9
≥ 2500 ≥ 2000	40.3	44.6 48.5	45.2 49.2		45.9 50.0	46.0 50.1	46.1 50.2	46.1 50.2	46.1 50.2	46.1 50.3	46.2 50.3	46.2 50.3	46.2 50.3	46.2 50.3	46.2 50.4	46.3 50.5
≥ 1800 ≥ 1500	46.8 53.	51.5 59.0		52.5 60.0	53.0 60.5	53.1 60.6	53.2 60.7	53.2 60.8	53.2 60.8	53.3 60.8	53.3 60.9	53.3	53.3 60.9	53.3 60.9	53.4 60.9	53.5
≥ 1200 ≥ 1000	63.6 70.6	70.4 78.6	71.2 79.7	71.7 80.3	72.4 81.0	72.5 81.2	72.6 81.3	72.7 8.4	72.7 81.4	72.8 81.5		72.9 81.6	72.9 81.6	72.9 81.6	72,9 81.6	73.0 81.7
≥ 900 ≥ 800	73.8 76.6	82.3 86.2	83.5 87.6	84 • 1 88 • 3	84.9 89.2		85.1 89.5	65.3 89.7	89.7	85.4 89.8		85.4 89.9	85.4 89.9	85.4 89.9	85.5 89.9	90.0
≥ 700 ≥ 600	78.3 79.8	86.5 90.5	89.9 92.2		91.7 94.1	91.9 94.3	92.0 94.4	92•2 94•6	92 • 2 94 • 6	92.4 94.8	92.4	92.4	92.4 94.9	92.4 94.9	92,5 94.9	92.6
≥ 500 ≥ 400	80.6	92,0 92,9			95.9 97.3	96 • 1 97 • 5	96•2 97•7	96 • 5 98 • 0		96.7 98.2		96.8 98.3	96.8 98.3			98.4
≥ 300 ≥ 200	81.1	93.2 93.3	95.3 95.4		97.9 98.1	98•2 98•3	98•5 98•7	98.9 99.1	98•9 99•1	99.0	99.4	99•2 99•4		99.6	99.3 99.6	99.7
≥ 100 ≥ 0	81.1	93.3 93.3			98.1 98.1	98.3 98.3	98•7 98•7	99•1 99•1		99.3		99.5 99.5	99.6 99.7	99.7 99.8	99,7 99,8	99.8

TOTAL NUMBER OF OBSERVATIONS.

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS SURM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	UTAT2) YTI	TE MILES)							
(FEET)	0י ≤	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	ا≤	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 200001	20.3 24.7	23.5 28.5	24.3 29.4	24.8 30.0	25.3 30.4		30.6	25.6 30.8	25.7 30.9	25.7 31.0	25.7 31.0	25.7 31.0	25.7 31.0	25.7 31.0	25,7 31.0	
≥ 18000 ≥ 16000	25.0 25.3	28.8 29.1	29.6 29.9	30.2 30.5	30.6 31.0	30.6 31.0	30.9 31.2	31.1	31.2 31.5	31.2 31.6	31.2 31.6	31.2	31.2 31.6	31.2 31.6	31.2 31.6	31.3
≥ ,4000 ≥ 12000	26.0 27.4	29.9 31.5	30.8 32.3	31.4	31.9 33.5	31.9 33.5	32.1 33.7	32.3	32.4	32.5 34.1	32.5 34.1	32.5 34.1	32.5 34.1	32.5 34.1	32.5 34.1	32.5 34.1
≥ 10000 ≥ 9000	28.5 28.6	32.7 33.0	33.7 33.9	34.3 34.6	34.8 35.1	34.8 35.1	35.0 35.3	35.2 35.5	35.3 35.6	35.4 35.7	35.4 35.7	35.4 35.7	35.4 35.7	35.4 35.7	35.4 35.7	35.5 35.7
≥ 8000 ≥ 7000	29.1 29.5	33.5 34.0		35.1 35.6	35.6 36.1	35.6 36.1	35.8 36.3	36.0 36.5	36.1 36.6	36.2 36.7	36.2 36.7	36.2	36.2	36.2 36.7	36.2 36.7	
≥ 6000 ≥ 5000	29.7 30.1	34.2 34.8		-	36.4 37.0	36.4 37.0	36.6 37.2	36.8 37.4	36.9 37.5	37.0 37.6	37.0 37.6	37.0 37.5	37.0 37.6		37.0 37.6	
≥ 4500 ≥ 4000	30.3 30.8	35.0 35.6		36.8 3744	37.3 37.9		37.5 38.1	37.7 38.3	37.8 38.4	37.9 38.6	37.9 38.6	37.9 38.6	37.9 38.6	37.9 38.6	37.9 38.6	
≥ 3500 ≥ 3000	31.4 32.8	36.2 37.8			38.6 40.2		38.8 40.4	39.0 40.6	39.1 40.7	39.2 40.8	39.2 40.8	39.2 40.8	39.2 40.8	39.2 40.8	39.2 40.8	
≥ 2500 ≥ 2000	34.7 40.1	40.0 46.0		41.9 48.0	42.6 48.7	42.6 48.8	42.8 49.0		43.1 49.4	43.2 49.5	43.2 49.5	43.2	43.2	43.2	43.2	
≥ 1800 ≥ 1500	42.5	48.8 56.6			51.6 59.6	51.7 59.7	51.9 60.1	52.2 60.4	52.3 60.5	52.5 60.7	52.5 60.7	52.5 60.7	52.5 60.7	52.5 60.7	52.5 60.7	52.5 60.7
≥ 1200 ≥ 1000	59.2 65.9	68.4 76.6	78.6		72.1	72.2 81.4	72.7	72.9 82.3	73 · 1 82 · 4	73.2 82.6	73.3 82.7	73.3	73.3	73.3 82.7	73.3	73.3 82.7
≥ 900 ≥ 200	68.1 70.6	79.6 83.i	85.3		84.5 88.5	84.7 88.6	89.2		85.8 89.8	86.0 90.0	86.0 90.1	86.0 90.1	86.1 90.2	86.1 90.2	86.1 90.2	86.1 90.2
≥ 700 ≥ 600	72.3 73.1	85.6 87.2	88.0 89.8	90.0 91.9	91.5 93.4	91.7 93.7	94.4	92.8 95.1	93.0 95.2	93.2 95.5	93 • 3 95 • 6	93·3 95·6	93.4 95.6	93 • 4 95 • 6	93,4 95.6	93.4 95.7
≥ 500 ≥ 400	73.5	88.2 88.7		93.8	94.6 95.5		95.8 96.8					97•1 98•1	97.1 98.2	97.1 98.2	97.1 98.2	
≥ 300 ≥ 200	74.0	89.0 89.1			95.9 96.2					99.7 99.1	98.9	98.9	99.5			
≥ 100 ≥ 0	74.0	89.1 89.1	92.0 92.0	94.3 94.3	96•2 96•2		97•7 97•7	98.5 98.5	98•6 98•6	99.1 99.1	99•4 99•4	99.4 99.4	99.6 99.6	99.8 99.8		99.8

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC $^{\rm fORM}_{\rm PR,GL} = 0.14-5$ (OLA) previous editions of this form are obsolete

CEILING VERSUS VISIBILITY

12911

RANDOLPH AFB TEXAS/SAN ANTONIO

38-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0900=1100

CEILING							VISIBI	UTAT2) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.6 46.3				42.0 49.0	42.0 49.0		42.0 49.0	42.0 49.0		42.0 49.0	42.0	42.0 49.0	42.0 49.0		42.0 49.0
≥ 16000 ≥ 16000	46.6	48.9 49.5	49.8	49.3 49.9	49.3 49.9			49.3 49.9	49•3 49•9		49.3	49.3	49.3	49.3	49.3 49.9	49.3
≥ 14000 ≥ 12000	48.5	50.9 52.1	52,4	51.2 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5	51.3 52.5
≥ 10000 ≥ 9000	51.2 51.5	53.7 54.1	54.1 54.5	54.2 54.6	54.2 54.7	54.2 54.7		54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7	54.2 54.7
≥ 8000 ≥ 7000	52.1 52.4	54.6 55.0		55.1 55.5	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	55.2 55.6	
≥ 6000 ≥ 5000	52.5 53.1	55.2 55.8	55.6 56.2	55.7 56.3	باللاستيت		55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4	55.7 56.4
≥ 4500 ≥ 4000	53.6 54.8	56.3 57.7	56.7 58.2	56.9 58.3		57.0 58.4		57.0 58.4	57.0 58.4	58.4	57.0 58.4	57.0 58.4	57.0 58.4	57.0 58.4	57.0 58.4	
≥ 3500 ≥ 3000	57.2 62.9	66.0	66.6		66.8		66.8		60.9 66.8	66.8	60.9 66.8	60.9 66.8	66.8		60.9 66.8	1
≥ 2506 ≥ 2000	70.4 78.5	73.8			74.6 83.6			83.6	74.6 83.6	83.6	83.6	74.6 83.6	83.5	83.6	74.6 83.6	
≥ 1800 ≥ 1500	81.7	86.0 91.5	92.2			92.5	87.0 92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
≥ 1200 ≥ 1000	89.5 90.5		97.4			97.9	98.0	93.0	98.0	98.1	98.1	98.1	98.1	96.4 98.1	98.1	98.1
≥ 900 ≥ 800	90.7 90.9	96.8 97.1	98.0	98.4			98.7	98.8	98.8	98.8	98.8			98•3 98•8		
≥ 700 ≥ 600	91.1 91.1	97.5 97.5	98.5	98.9	99•1 99•2		99.2		99•2 99•3	99.4		99.3	99.4			
≥ 500 ≥ 400	91 • 1 91 • i	97.7 97.7	98.8	99•2 99•3	99.5					99.9	99.9				99.8 99.9	
≥ 300 ≥ 200	91.1 91.1	97.7 97.7	98.8 98.8		99.6	99.7	99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	91.1 91.1	97.7 97.7	98 • 8 98 • 8	99.3 99.3	99.6 99.6	99,7	99.9 99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS___

3364

USAF ETAC 101 64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400.

CEILING		-					VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.7 59.7	51.9 61.0	52.0 61.0	52.0 61.0	52.0 61.0	52.0 61.0		52.0 61.0	52.0 61.0	52.0 61.0	52.0 61.0	52.0 61.0				52.0 61.0
≥ 18000 ≥ 16000	60.8	62.1	61.6	62.:	61.6	61.6 62.1	62.1	61.6	61.6 62.1	61.6 62.1	61.6	61.6	61.6	62.1	61.6 62.1	61.6 62.i
≥ 14000 ≥ 12000	62.3 63.6		63.7 65.0	65.0	63.7	63.7 65.0		63.7 65.0	63.7 65.0			63.7 65.0			65.0	
≥ 10000 ≥ 9000	65.0 65.5	66.9		67.0	66.5	66.5			67.0	66.5 67.0		66.5 67.0	66.5 67.0	67.0		67.0
≥ 8000 ≥ 7000	66.4	67.9	67.6	68.0	67.6	68.0	68.0				68.0	67.6 68.0		68.0	68.0	68.0
≥ 6000 ≥ 5000	67.1 70.4 72.4	68.6 71.9 74.0		72.0	68.7 72.0			68.7 72.0		72.0	72.0	68.7 72.0	68.7 72.0	68.7 72.0	68.7 72.0	72.0
≥ 4500 ≥ 4000	76.8 82.1	78.7 84.1	78.8 84.2	74.0 78.8 84.2	74.0 78.8					78.8		74.0 78.8		74.0 78.8	74.0 78.8	78.8
≥ 3500 ≥ 3000 ≥ 2500	88.5 92.2		90.9		84.2 90.9 94.9	90.9	84.2 90.9 94.9			91.0	91.0	91.0		بند من	91.0	91.0
≥ 2000	93.9	96.6	96.8			97.0	97.0	97.0		97.0	97.0	95.0 97.0 97.3		95.0 97.0 97.3	97.0	97.0
≥ 1800 ≥ 1500 ≥ 1200	95.0		98.1	98.2	98.3 98.6	98.3				98.4		98.4 98.8	97.3 98.4 98.8	98.4	98.4	98.4
≥ 1900	95.2	98.3 98.4		99.8	98.8		99.0			99.1	99.1	99.1 99.2	99.1	99-1	99.1	99.1
≥ 800	95.4	98.5	78.7 78.8	99.0			99.3	99.3		99.3			99.3	99.3	99.3	99.3
≥ 600	95.4	98.7		99.2	99.3		99.6			99.6	99.6	99.4	99.6	99.6	99.6	99.6
≥ 400	95.4	98.7 98.7	99.0	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.8		99.8	99.9
≥ 300 ≥ 200 ≥ 100	95.4 95.4	98,7 98,7	99.0	99.3	99.6	99.7		99.9	99.9	99.9	99.9 100.0	99.9	99.9	99.9	99.9	100.0
± 100 ≥ 0	95.4	98.7								99.9	100.0	100.0	100.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC PULSA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFS TEXAS/SAN ANTONIO

38-75

-MUUL-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700.

CEILING							VISIBI	.ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	62.6		63.7 74.5	63.7 74.5	63.7 74.5	63.7 74.5	63.7 74.5	63.7 74.5	63.7 74.5		63.7 74.5	63.7 74.5	63.7 74.5	63.7 74.5	63.7 74.5	63.7
≥ 18000 ≥ 16000	73.7 74.5		74.9 75.7	74•9 75•7	74.9 75.7	74.9 75.7	74.9 75.7		74.9 75.7	74.9 75.7	74.9 75.7	74.9 75.7		74.9 75.7	74.9 75.7	
≥ 14000 ≥ 12000	75.8 77.8		77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1	77.0 79.1		
≥ 10000 ≥ 9000	79.5 80.0	81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4		80.8 81.4	80.8 81.4		80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	
≥ 8000 ≥ 7000	80.7 81.2	82.6	82.1 82.7	82.1 82.7	82.1 82.7	82.1 82.7		82 • 1 82 • 7			82.1 82.7	82.1 82.7	82.1 82.7	82.1 82.7	82.1 82.7	
≥ 6000 ≥ 5000	82.5 85.4	87.0			84.0 87.1	84.0 87.1	87.1	84.0 87.1	87.1	87.1	84.1 87.1	84.1 87.1	84.1 87.1	84.1 87.1	84.1 87.1	84.1
≥ 4500 ≥ 4000	87.5 90.2	91.9		92.0	92.0	92.0	92.0		92.0	92.1	89.2 92.1	89.2 92.1	89.2 92.1	89.2 92.1	89.2 92.1	92.1
≥ 3500 ≥ 3000	91.9 94.0	96.2	93.9	96.5	94.0 96.5	94.0	96.5			96.5	94.0 96.5	94.0 96.5		94.7		96.5
≥ 2500 ≥ 2000	95.0 95.6	98.0	97.4 98.2	98.5	98.5	97.6 98.5	98.6	98.6	98.6	98.6	97•7 98•6	97.7 98.6	98.6	97.7 98.6	98.6	98.6
≥ 1800 ≥ 1500	95.7 95.8	98.3	98 • 4 98 • 6			98•7 98•9	99.0		99.0	99.0		98.8 99.0	99.0	98.8 99.0		
≥ 1200 ≥ 1000	95.9 96.0	98.5		99.0 99.1	99.0		99.3		99•1 99•3			99•1 99•3	99.3	99.1 99.3		
≥ 900 ≥ 800	96.0 96.0	98.7	99.0 99.1	99.2	99.3	99.3 99.5	99.5	99.5	99.5	99.4 99.6	99 • 4 99 • 6	99 • 4 99 • 6	99.6			99.6
≥ 700 ≥ 500	96.0 96.0		99.1	99.4	99.6 99.6				99.6			99.7 99.7		99.7 99.7		99.7
≥ 500 ≥ 400	96.0	98.8	99.1 99.2		99.6 99.7	99.6 99.7	99.8			99.9	99.9	99.9	99.9		99.9	99.9
≥ 300 ≥ 200		98.8		99.5			99.8	99.8	99.8	99.9	99.9		99.9		100.0	
≥ 100 ≥ 0		98.8 98.8		99•5 99•5		99.7 99.7		99.8 99.8	99•8 99•8		99.9 99.9	99.9 99.9				100.0

OTAL NUMBER OF OBSERVATIONS_____

3357

USAF ETAC 171.64 0-14-5 (OLA) previous editions of this form, are obsolete

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	68.5 82.7	69.5 84.0	69.5 84.0	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 84.1	69.5 94.1	69.5 84.1
≥ 16000 ≥ 16000	83.2 83.9	84.5 85.2		84.6 85.3	84.6 85.3	84.6 85.3	84.6 85.3	84.5	84.6 85.3	84.6 85.3	84.6 85.3	84.6 85.3	84.6 85.3	84.6 85.3	84.6 85.3	
≥ 14000 ≥ 12000	85.2 86.9	36.6 88.4	86.7 38.5	86.7 88.5	86.7 88.5	86.7 88.5	86.7 88.5	86.7 88.5	86.7 88.5	86.7 88.5	86.7 88.5	86.7 86.5	86.7 88.5		86.7 88.5	
≥ 10000 ≥ 9000	88.5 88.9				90.3 90.7	90.3	90.7	90.3 90.7		90.7	90.3 90.7	90.3 90.7			90.3 90.7	90.7
≥ 8000 ≥ 7000		91.7	91.8	91.4 91.8			91.9	91.9	91.9	91.9	91.4 91.9	91.4 91.9	91.4 91.9	91.4 91.9	91.4 91.9	91.9
≥ 6000 ≥ 5000	90.3 91.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4		93.4	92.4 93.4	92.4 93.4	92.4 93.4		92.4 93.4	93.4
≥ 4500 ≥ 4000	91.4 92.3		94.7		94.8	93.6	94.8	94.8	94.8		93.6 94.8		93.5 94.6		93.6 94.8	94.8
≥ 3500 ≥ 3000	93.0 94.0	96.3	96,5	95.5 96.5	96.6	95.5 96.6	96.7	96.7	95.6 96.7	96.7	95.6 96.7	95.6 96.7	95.6 96.7	96.7		96.7
≥ 2500 ≥ 2000	94.7 95.1	97.7	97.9	97.3 98.0	98.1	97.5 98.1	98.2	97.5 98.2	97.5 98.2	97.5 98.2	97.5 98.2	97.5 98.2	97.5 98.2	97.5 98.2	97.5 98.2	97.5 98.2
≥ 1800 ≥ 1500	95.2 95.4 95.8	97.9 98.2	98.4	98.1 98.4			98.7	98.3 98.7		98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7	98.3 98.7	98.7
≥ 1200	95.8 95.8	98.5 98.6 98.7	98.7 98.8 98.9	98.8 98.9	99.1	99.0 99.1	99.1	99.1	99.1 99.1	99.1 99.1	99•1 99•1	99•1 99•1	99.1	99•1 99•2	99.1 99.2	99.2
≥ 900	95.9		99.0	99.1	99.2 99.3 99.5	99.3 99.5	99.3			99.2 99.3	99.2 99.3	99.3	99.3	99.4		99.4
≥ 700 ≥ 600 ≥ 500	96.0 96.1	98.9		99.3		99.5	90.6	99.5 99.6 99.8	99.5 99.6 99.8	99.5 99.6 99.8	99.5 99.6 99.8		99.5 99.6		99.5 99.6	99.5 99.6 99.8
≥ 400	96 • 1 96 • 1	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8		99.2	99.8 99.9	99.9	99.9	99.9
≥ 300 ≥ 200 ≥ 100	96.1 96.1	99.1 99.1	99.4	99.6	99.8	99.8	99.9	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.1	99.1	99•4	99.6						99,9		99.9	100.0	100.0	100.0	100•0 100•0

TOTAL NUMBER OF OBSERVATIONS.

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911

RANDOLPH AFE TEXAS/SAN ANTONIO

38-45.47-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_2100-2300

CEILING							VISIBI	ITY (STATU	TE MILES)	· -						
(FEET)	≥ 16	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥1%	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	70.5 78.6	71.9 80.3	80.5				90.5	72.1 80.5	72.1 80.5	72.1 60.5	72.1 80.5	72.; 80.5	72.1 80.5	72.1 80.5	72.1 80.5	72.1 80.5
≥ 18000 ≥ 16000	73.9 79.2		81.1	80.8	81.1		80.8 81.1	80.8 81.1	80.8 81.1	80.8 81.1	80.8 81.1	80.8 81.1	80.8 81.1	80.8 81.1	80.8 81.1	80.8 81.1
≥ 14000 ≥ 12000	80.1		83.2	82.0 83.2	83.2	82.0 83.2	82.0 83.2	82.0 83.2	82.0 83.2	83.2	82.0 83.2	82.0 83.2	82.0 83.2	82.0 83.2	82.0 83.2	82.0 83.2
≥ 10000 ≥ 9000	82.2 82.3	84.0 84.1	84.2	84.1 84.3	84.1 84.3	84.1 84.3	84.1	84.1 84.3	84.1 84.3		84.1 84.3	84.1 64.3	84.1 84.3	84.1 84.3		84.3
≥ 8000 ≥ 7000	83.3	84.8 85.2	85.3	85.0 85.3	85.3	85.0 85.3	85.0 85.3	85.0 85.3	85.0 85.3		85.3	85.0 85.3		85.0 85.3	85.0 85.3	
≥ 6000 ≥ 5000	83.7 84.3	85.6 86.2	86.4		86.4		95.8 86.4		85.8 96.4	1	85.8 86.4	85.8 86.4	85.8 86.4	85.8 86.4	85.8 86.4	- 1
≥ 4500 ≥ 4000	84.6 84.9	86.6 87.0	86.8 87.2		87.2	86.8 87.2	86.8	86.8 87.2	86.8 87.2	86.8 87.2	86.8	86.8 87.2	86.8 87.2	86.8 87.2		
≥ 3500 ≥ 3000	85.3 86.2	87.6 83.5			88.7		87.8 88.7			87.8 88.7		87.9 88,7				
≥ 2500 ≥ 2000	86.9 88.9	89.3 91.3	89.5 91.5	89.5 91.5				89.5 91.5	89.5 91.5	89.5 91.5		89.5 91.5	- 1		89.5 91.5	
≥ 1800 ≥ 1500	90.0 92.3	92.5 95.0	95.2			95.3	95.3			95.3	95.3	95.3	95.3	92.8 95.3		
≥ 1200 ≥ 1000	94.4		98.4			98.5	98.5	98.5	97.8 98.5	97.8 98.5	97.8 98.5	97.8 98.5	97.8 98.5		97.8 98.5	
≥ 700 ≥ 800	95.0 95.3	98.3 98.6	98.8	98.6 98.9	99.0	99.0	99.0		98•7 99•0	98.7 99.0			98.7 99.0	98.7		
≥ 700 ≥ 600	95.4 95.6		99.3		99•2 99•5	99.5	99.5			99.2 99.5	99.2 99.5	99•2 99•5	99.2 99.5	99.2 99.5	99.2 99.5	
≥ 500 ≥ 400	95•6 95•6	99.1 99.1		99•5 99•6				99.6	99.6	99.7 99.8	99.7	99.7	99.7	99.7 99.8	99.7 99.8	99.7 99.8
≥ 300 ≥ 200	95•6 95•6	99.1	99.6	99.7 99.7	99.8	99.8 99.9	99•9 99•9	99.9	99.9	99.9 100.0	99.9	99.9	99.9	99.9 100.0	99.9 100.0	99.9
≥ 100 ≥ 0	95.6 95.6	99.2 99.2		99.7 99.7		99.9	99.9	99.9	99.9	00.00	100.01	.00 • c	100.00	100.0	100.0	100.01

TOTAL NUMBER OF OBSERVATIONS

3276

USAF ETAC AT SI 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 39-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							.18IL	UTAT2) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥11/2	≥ 1¼	≥i	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	71.1 74.7	73.3	1		73.4		73.4 77.4			73.4		73.4 77.4			73.4	
≥ 8000 ≥ 16000	74.8 75.0	77.4 77.6		77.5 77.7	77.5 77.7	77.5 77.7	77.5	77.5	-	77.5 77.7	- :	77.5		77.5 77.7	77.5 77.7	
≥ 14000 ≥ 12000	75.4 76.8	78.0 79.4	78.1 79.5	78.1 79.5	78.1 79.5	78.1 79.5		78.1 79.5	78.1 79.5		78.1 79.5	78.1 79.5	78.1 79.5	78.1 79.5	78.1 79.5	
≥ 10000 ≥ 9000	77.7 77.8		80.5	80.5	80.4	80.5	80.4 80.5	89.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000 ≥ 7000		80.8 \$1.1	81.3	81.3	81.3	81.3	R1.3		81.3	81.3	81.3	80.9 81.3	80.9 81.3	80.9 81.3	80.9 81.3	
≥ 6000 ≥ 5000	78.6 78.9		81.8	81.8		81.8	81.3	81.4 81.8						81.4 81.8	81.4 81.8	
≥ 4500 ≥ 4000	79.0 79.1	81.8	82.0	82.0		82.0	82.0	82.0	82.0	82.0		82.0		82.0		7 1
≥ 3500 > 3000	79.5 79.6			82.5		82.5	82.3 82.5			82.3 82.5	82.3 82.5	82.3 82.5	82.3 82.5	82.3 82.5	82.3 32.5	
≥ 2500 ≥ 2000	79.9	82.6			82.8 84.4		82.8	_		82.8 84.4		82.8 84.4	32.8 84.4	82.8 84.4	82.8 84.4	
≥ 1800 ≥ 1500	82.6 86.0	85.5 88.9		85.6 89.2	85.6 89.2				85.6 89.2			85.6 89.2	85.6 89.2			85.6 89.2
≥ 1200 ≥ 1000	90 • 4 92 • 9	93.9 96.6	94.1 96.8	94•2 96•9	94•2 96•9	96.9	96.9	94•2 96•9		94.2 96.9		94.2	94.2	94.2	94.2 96.9	
≥ 900 ≥ 800	93.5 94.2	97.4 98.1	97.6 98.4		97.7 98.5	98.5	98.5		97•7 98•5	97.7 93.5			98.5	98.5		98.5
≥ 700 ≥ 600	94.6	98.6 99.0	98.8 99.3	99.4	99•0 99•4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4		99.0 99.4	
≥ 500 ≥ 400	95 • 1 95 • 2	99.3 99.4								99.7 99.8					99.7 99.8	99 7 99•8
≥ 300 ≥ 200	95.2 95.3		99.8	99.9	99.9 100.0	100.0	10.0	100.0	100.0	99.9 100.0	100.0	100.0	100.0	100.0	1000	99.9 100.0
≥ 100 ≥ 0	95.3 95.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.01	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 108M 0-14-5 (OLA) METHOUS EDITIONS OF THIS FORM ARE OFFICETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIU 28-45,47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							ļ
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥11/5	≥ 11/4	≥1	≥ ¾	≥ 1/4	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.3 48.6	48.2 50.7	48.5 51.0	48.6 53.1	48.6 51.2		40.7 51.2	48.7 51.2		48.8 51.3	48.8 51.3	48.8 51.3	48.8 51.3	48.8 51.3	48.8 51.3	48.8
≥ 18000 ≥ 16000	48.7 49.0	1		51.2 51.6	51.3 51.7	51.7		51.4 51.7			51.4 51.8	51.4 51.9	51.4 51.8	51.4 51.8	51,4 51.8	51.4 51.8
≥ 14000 ≥ 12000	49.5 50.7	51.7 53.0		53.4				52.2 53.5		52.3 53.6	53.6	53.6		52.3 53.6	53.6	52.3
≥ 10000 ≥ 9000		54.0 54.4		54.8		54.8	54.9	54.5 54.9		55.0	54.7 55.0	55.0		54.7 55.0	55.0	55.0
≥ 8000 ≥ 7000				55.7		55.8		55.4 55.8	55.8	55.9	55.5 56.0	56.0		56.0	56.0	
≥ 6000 ≥ 5000		56.0	55.3	56.4	56.4	56.4				56.6	56.6	56.6		56.6	56.6	56.2 56.6
≥ 4500 ≥ 4000	53.3	56.2		56.6	56.7	56.7	56.8	56.6 56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500 ≥ 3000		56.5 56.7	57.1	56.9 57.2	57.3	57.3	57.1 57.3	57.3	57.3		57.5	57.5		57.5		57.5
≥ 2500 ≥ 2000		60.4	60.8	58.1 61.0	61.1	61.1	58.3 61.2	61.2	61.2	61.2	61.3	61.3		61.3	61.3	61.3
≥ 1800 ≥ 1500	59.2 64.1		68.6	68.7		68.8	63.2		68.9	69.0		69.1		69.1	69.1	69.1
≥ 1200	73.6 80.0		86.5	86.8	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	79.8 87.2	87.2	87.2	87.2
≥ 900 ≥ 800	85.1	92.1	93.0	93.3		93.6	93.7			90.2 93.8 95.6	90.3 93.9 95.7	93.9	90.3 93.9 95.7	93.9	93.9	90.3 93.9 95.7
≥ 700	87.3		96.6		97.3	97.3	97.4			97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500 ≥ 400	38.1 88.2	97.0	98.1		99.1	99.1	99.2	99.2			99.4	99.4	99.5	99.5	99.5	4
≥ 300 ≥ 200 ≥ 100	88.2		98.4	98.9		99.4	99.6	99.6		99.8	99.9	99.9	99.9	99.9	99.9	
≥ 0	_			98.9								99.9				100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥i	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ ^
NO CEILING ≥ 20000	36.0 40.3	39.5 44.5	40.1 45.1	40.5 45.6			40.5 45.7	40.6 45.7	40.6 45.7	40.6 45.7		40.7 45.°	40.7 45.8	40.7 45.8		
≥ 18000 ≥ 16000	40.4 40.5	44.5 44.9	45.2 45.5	45.7 45.9	45.7 46.0	45.7 46.0	45.8 46.1	45.8 46.1	45.8 46.1	45.8 46.1	45.9 46.2	45.9 46.2	45.9	45.9 46.2	45.9 46.2	45.9 45.2
≥ 14000 ≥ 12000	41.4	45.8 47.4	46.4 48.1	46.9 48.5	47.J 48.6	47.0 48.6	47.0 48.7	47.0 48.7	47•0 48•7	47.1 48.7	47.2 48.8	47.2 48.5	47.2 48.8	47.2 48.8	47.2 48.8	47.2 48.8
≥ 10000 ≥ 9000	43.7	48.5 48.9	49.3 49.7	49.7 50.1	49.8 50.2	49.8 50.2	49.9 50.3	49.9 50.3	49.9 50.3	50.0 50.3	50.1 50.4	50.4	50.1 50.4	50.1 50.4	50.1 50.4	50.1 50.4
≥ 8000 ≥ 7000	44.5 44.9	49.4 49.9		50.7 51.2	50.8 51.2	50.8 51.3	50.9 51.4	50.9 51.4	50.9 51.4	50.9 51.4	51.0 51.5	51.0 51.5	51.0 51.5	51.0 51.5	51.0 51.5	
≥ 6000 ≥ 5000	45.1 45.3	50.2 50.6	51.0 51.4	51.5 51.9	51.5 52.0	51.5 52.0	51.7 52.1	51.7 52.1	51.7 52.1	51.7 52.1	51.8 52.2	51.8 52.2	51.8	51.8 52.2	51.8 52.2	51.8 52.2
≥ 4500 ≥ 4000	45.4 45.4	50.7 50.8	51.5 51.7	52.0 52.1	52.1 52.2	52.1 52.3	52.2 52.4	52.2 52.4	52.2	52.2 52.4	52.3 52.5	52.3 52.5	52.3 52.5	52.3 52.5	52.3 52.5	52.3 52.5
≥ 3500 ≥ 3000	45.5 45.8	51.0 51.5	51.8 52.1	52.3 52.6	52.4 52.7	52.4 52.7	52.5 52.8	52.5 52.8	52.5 52.8	52.6 52.9	52.6 53.0	52.6 53.0	52.6	52.6 53.0	52.6 53.0	52.6 53.0
≥ 2500 ≥ 2000	47.0 49.8	52.6 55.9	53.5 56.9	54.0 57.4	54.1 57.5	54.1 57.5	54.2 57.7	54.2 57.7	54.2 57.7	54.2 57.7	54.3 57.8	54.3 57.8	54.3 57.8		54.3 57.8	54.3
≥ 1800 ≥ 1500	52.2 58.1	58.5 65.1	59.5 66.3	60.0 66.9	60.1 67.0	60.2	60.3	60.3	60.3	60.3		60.4	60.4		60.4 57.3	60.4
≥ 1200 ≥ 1000	67.1 73.0	75.4 82.8	76.8	77.5 85.3	77.6 85.5	77.6 85.5	77.9 85.8	77.9 85.9	77.9 85.8	77.9 85.9	78.0 86.0	78.n 86.0	78.0		78.0 96.0	78.0
≥ 900 ≥ 800	75.1 77.6	85.5 88.7	87.3 90.7	88.1 91.7	88.4 92.1	58.4 92.2	88.7 92.5	88.7 92.5	88.7 92.5	88.7	88.8 92.6	88.8				86.8
≥ 700 ≥ 600	78.8 79.7	90.5 92.1	92.7 94.4	93.8 95.7	94.3	,	94.6		94.7		94.8 97.0					
≥ 500 ≥ 400	80 • 4 80 • 5	93.2 93.4			97.6 97.9	97.7 98.1	98 • 1 98 • 5	98 • 1 98 • 7	98•2 98•7			98•3 98•9	98.3	98.3	98.4	98.4
≥ 300 ≥ 200	80 • 6 80 • 6	93.5 93.6	96.1	97•4 97•5	98•2 98•3		98•9 99•0	1	99•1 99•2	99.2 99.4	99•4 99•6	99•4 99•6	99.4 99.7	99.4		-,
≥ 100 ≥ 0	80.6 80.6	93.6 93.6		97•5 97•5	98•3 98•3		99.0 99.0		99•2 99•2	99.4 99.4	99.6		99.8	99.8 99.8	99.9	103.0 100.0

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING							VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/5	≥ 11/4	3.1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.1 64.9	60.0 68.0		60.2 68.2	60.2 68.2	60.2		60.2 68.2	60.2 68.2	60.2 68.2		60.2 68.2	60.2 68.2	60.2 68.2	60.2 68.2	
≥ 18000 ≥ 16000	65.2 65.5	68.3 68.7		68.5 68.9	68.5 68.9	69.5 68.9	68.5 68.9	68.5 68.9	68.5 68.9	68.5 68.9	68.5 68.9		68.9	58.5 68.9	68.5 68.9	68.5
≥ 14000 ≥ 12000	66.4	69.6 71.5	71.7	69.8 71.7	69.8 71.7	69.8 71.7		69.8 71.7	71.7	69.8 71.7	69.8 71.7	69.8 71.7	69.8 71.7	69.8	69.8 71.7	69.8 71.7
≥ 10000 ≥ 9000	69.3	73.0		1.7		72.8 73.2	73.2	73.2	73.2	73.2		72.8 73.2		73.2	72.8	73.2
≥ 8000 ≥ 7000	70.3	74,4			73.9	73.9 74.6		73.9 74.6	74.6				74.6	73.9		73.9 74.6
≥ 6000 ≥ 5000	71.0	74,9		75.2		74.8 75.2	75.2		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500 ≥ 4000	71.6 72.4 74.0	76,1		76.4	76.4		76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4		
≥ 3500 ≥ 3000 ≥ 2500	77.5	81.3	81.5	78.0 81.6 86.1	81.6		81.6	78.0 81.6 86.1		81.6			- •	81.6	78.0 81.6 86.1	81.6
≥ 2000 ≥ 1€00	86.3	91.1	91.3	91.5	91.5	91.5 93.7	91.5	91.5	91.5	91.5	91.5		91.5	91.5	91.5	91.5
≥ 1200	90.4	96.1	96.4	96.5	96.5	96.5	96.5	96.5 98.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000 ≥ 900	92.4	98.6	98.9	99.2		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800 ≥ 700	92.5			99.4		99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4		99.4	99.4
≥ 600 ≥ 500	92.5					99.7 99.7		99.7	,	99.7 99.8		99.7	99.7		99.7	99.7 99.8
≥ 40° ≥ 300	92.5 92.5	99.0	99.3	99.7	99.8	99.8	99.9	100.0	100.0	99.9 100.0	100.0		100.0	100.0	100.0	100.0
≥ 200 ≥ 100	92.5	99.0	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.5	99.0	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

12911

RANDOLPH AFB TEXAS/SAN ANTONIO

R-75

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING							VISIBIL	ITY (STATU	re miles;							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1¾	≥ 1	≥ ¾	≥ ¼	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.3 72.0	62.1 74.1	62.1 74.2	62.1 74.2	62.1 74.2	62.1	62.1 74.2	62.1 74.2	62.1 74.2	62.1 74.2	62.1 74.2	62.1 74.2	62.1 74.2	62.1 74.2	62.1 74.2	62.1 74.2
≥ 18000 ≥ 16000	72.5 72.8	74.7 75.0	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1	74.7 75.1
≥ 14000 ≥ 12000	73.9 76.3	76.3 78.9	76.4 78.9		76.4 78.9			76.4 78.9	76.4 78.9	76.4 78.9	76.4 78.9	76.4 78.9	78.9			
≥ 10000 ≥ 9000	77.5 77.8	80.1	80.1 80.4		80.1 80.4	80.1 80.4			80.1 80.4	80.1 80.4	80.1 80.4	80 • 1 80 • 4		80.1 80.4	80.1	80.1 80.4
≥ 8000 ≥ 7000	78.3 78.7	80.9	80.9 81.5	81.5	80.9 81.5	80.9 81.5	80.9	81.5	90.9 81.5	81.5	80.9 81.5	80.9 81.5	81.5	80.9 81.5	81.5	81.5
≥ 6000 ≥ 5000	79.5 82.8	82.2 85.6		82.3 85.7	82.3 85.7	82.3 85.7	82.3 85.7	82.3 85.7		82.3 85.7	82.3 85.7	82.3 85.7	82.3 85.7	<u>85.7</u>	82.3 85.7	85.7
≥ 4500 ≥ 4000	85.2 87.9	91.0	88.2 91.1	88.2 91.1	88.2 91.1	88.2 91.1	88.2 91.1	88.2 91.1	88.2 91.1	88.2 91.1	88.2 91.1	88.2 91.1	88.2 9.1	88.2 91.1	88.2 91.1	88.2 91.1
≥ 3500 ≥ 3000	91.0	94.1	94.2	96.8	94.3 96.8			94.3 96.8	94.3 96.8		94.3	94.3 96.8	94.3			
≥ 2500 ≥ 2000	94.4	98.0 98.7	98.1 98.8					98.3	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0		98.3	99.0
≥ 1500 ≥ 1500	95.0 95.1	98.9 99.1	98.9 99.1	99.2	99.1			99.1	99•1 99•3	99.1 99.4	99 • 1 99 • 4	99•1 99•4	99.4	99 • 1 99 • 4	99 · 1 99 · 4	99.4
≥ 1200	95.2	99.3			99.5 99.5	99.5	99,6	99.5	99•5 <u>99•6</u>	99.6	99.6 99.7	99.7	99.6 99.7			99.6
≥ 900 ≥ 800	95•3 95•3	99.3	99.4		99.5	99,6		99.6 99.7	99.6 99.7	99.7		99.7 99.7	99.7			
≥ 700 ≥ 600	95•3 95•3				99•7 99•7		99.8		99•8 99•8	99.9			99.9		99.9	
≥ 500 ≥ 400	95•3 95•3	99.5 99.5	99.6	99.7 99.7	99•7 99•7	99.7			99 • 8 99 • 8	99.9			99.9	99.9	99.9	99.9
≥ 300 ≥ 200	95.3 95.3	99.5			99.7 99.7	99.8 99.8	99.9			99.9	99.9	99,9		100.0	100.0	100.0
≥ 100 ≥ 0	95.3 95.3	99.5			99.7 99.7			99.9 99.9		99.9 99.9		99.9	100.0 100.0	100.0 100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS___

348

USAF ETAC NICH 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911

RANDOLPH AFB TEXAS/SAN ANTONIO

38-75

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	62.1 77.9	63.3 79.7			63.4 79.8	63.4 79.8	63.4 79.8	63.4 79.8	63.4 79.8		63.4	63.4 79.8	63.4 79.8	63.4 79.8		63.4 79.8
≥ 18000 ≥ 16000	78.4 78.8	80.2 80.6	80.2 80.7	80.2 80.7	80.2	80.2	80.3	80.3 80.8	80.3 80.8		80.3 80.8	80.3 80.9	80.3		80.3	80.3
≥ 14000 ≥ 12000	80.0	82.0 83.9	82.1		82.1 84.0	82.1	92.1 84.0	82.1 84.0	82.1	82.1	82.1	82.1	82.1 84.0	82.1 84.0	82.1 84.0	82.1 84.0
≥ 10000 ≥ 9000	83.1 83.4	85.2 85.5	85.3 85.7	85.3 85.7	85.3		95.3 95.7		85.3 85.7		85.3 85.7	85.3 85.7				85.3
≥ 8000 ≥ 7000	84.2	86.5 87.1	86.6 87.2	86.6	86.7	86.7	96.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
≥ 6000 ≥ 5000	86.0 90.0	88.4 92.5	88.5 92.7	88.5 92.7	88.5	88.5	88.6	88.6	88.6	88.6		88.6	88.6	88.6	38.6	
≥ 4500 ≥ 4000	91.5 93.2		94.3		94.4	94.4		94.4		94.4		94.4	94.4	94.4	94.4	94.4
≥ 3500 ≥ 3000	94.6 95.4	97.3 98.3	97.5	97.5	97.6	97.6	97.6 98.7				97.6	97.6 98.7	97.6	97.6	97.6	97.6
≥ 2500 ≥ 2000	95.6 95.7	98.5 98.7	98.8 98.9	98.9			98.9					99.0	99.0			
≥ 1800 ≥ 1500	95.7 95.7	98.7 98.8	98.9 99.1	99.1 99.2	99.1	99.1	99.1	99.1	99.1	99.2		99.2	99.2	99.2	99.2	99.2
≥ 1200 ≥ 1000	95.8 95.8	98.9 99.0	99.2	99.4	99•4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900 ≥ 800	95.8 95.8	99.0	99.3	99.5	99.6	99.6	99.6 99.7	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600	95 • 8 95 • 8	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8		99.8	99.8	99.8		99.8
≥ 500 ≥ 400	95 · 8	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8		99.9	99.9	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	95.8 95.8	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9 100.0	99.9	99.7	99.9	99.9	99,9	99.9
≥ 100 ≥ G	95.8 95.8	99.0	99.4	99.7 99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

348

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911

RANDOLPH AFB TEXAS/SAN ANTONIU

38-45,47-75

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1800=2000

CEILING							VISIBIL	.ITY (STATU	re wires)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥11/5	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	69.8 85.4	71.2 87.2	71.3 87.3		71.3 87.3	87.3	87.3	71.3 87.3		71.3 87.3	71.3 87.3	71.3 87.3	71.3 87.3	71.3 87.3	87.3	71.3 87.3
≥ 18000 ≥ 16000	85.6 85.8		87.5 87.8		87.5 87.8	87.5 87.8	87.5 87.8	87.5 87.8	87.5 87.8	87.5 87.8	87.5 87.8	87.5 87.8	87.5 87.8	87.5 87.8	P7.8	87.8
≥ 14000 ≥ 12000	87.0	91.0	88.9 91.2		88.9 91.2	88.9 91.2	98.9 91.2	88.9 91.2	88.9 91.2	88.9 91.2	88.9 91.2	88.9 91.2	88.9 91.2	88.9 91.2	91.2	91.2
≥ 10000 ≥ 9000	90.5		92.7	92.7	92.7	92.7	92.7	92.7 93.2	92.7 93.2	92.7 93.2	92.7 93.2	92.7 93.2	92.7 93.2	92.7 93.2	92.7 93.2	92.7 93.2
≥ 8000 ≥ 7000	91.5	93.6	93.8	94.5	93.8	93.8	93.8	93.8 94.5	93.8 94.5	93.8 94.5	93.8	93.8	93.8 94.5	93.8 94.5	93.8 94.5	93.8 94.5
≥ 6000 ≥ 5000	92.8	95.0 96.0	95.1 96.2		95.1 96.2	95.1	95.1 06.2	95•1 96•2	95.1 96.2	95.1 96.2	95.1 96.2	95•1 96•2	95.1 96.2	95•1 96•2	95.1 96.2	95.1 96.2
≥ 4500 ≥ 4000	94.1 94.8 95.5	95.5 97.1 97.9			96.6 97.3		96.5	96.6 97.3	96.6 97.3	96.6 97.3		97.3	96.6 97.3			
≥ 3500 ≥ 3000	95.9	98.5	98.1 98.7 98.8	98.1 98.8 98.9	98.1 98.8		98.8	98•1 98•8	98 · 1 98 · 8	98.1 98.8	98.8	98.2	98.1 98.8			98.1
≥ 2500 ≥ 2000	96.2		99.0		99.0 99.2 99.2	99.0 99.2	9-12		99.0	99.0	99.2	99.2	99.0	99.0 99.2	99.2	99.2
≥ 1800 ≥ 1500 ≥ 1200	96.3	98.9	99.1	99.2	99.3		99.3		99•2 99•3	99.2 99.3		99.2				99.2
≥ 1000	96.4	99.1	99.3	99.5	99.5		99.6	99.5 99.6 99.6	99.6	99.6	99.6		99.5 99.6	99.6	99.5	99.5
≥ 900 ≥ 800 ≥ 700	96.4	99.2	99.4	99.5	99.6		99.6		99.6 99.7	99.6	99.6	99.6			99.6	99.6
≥ 600	96.4	99.4	99.6	99.8		99.8	99.9		99.9	99.9		99.0	99.9		99.9	
≥ 400	96.4	99.4		99.8	99.9	99.9	99.9		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200 ≥ 100	96.4	99.4		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	00.0
≥ 0	96.4	99.4	99.7		99.9			99.9		99.9			100.0	100.0	100.0 100.0	00.0

OTAL NUMBER OF OBSERVATIONS _______338

USAF ETAC JULGA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIU 38-45.47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ 4⁄4	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	83.6 89.4	91.2	85.2 91.3	85.2 91.3	85.2 91.3	85.2 91.3			85.2 91.3	91.3	85.2 91.3	85.2 91.3	85.2 91.3	85.2 91.3	85,2 91.3	
≥ 18000 ≥ 16000	89.6 89.6	91.4	91.4 91.5	91.4 91.5	91.4	91.4 91.5	91.4	91.5	91.4 91.5	91.5	91.4 91.5	91.4 91.5	91.4 91.5	91.4 91.5	91.5	91.5
≥ 14000 ≥ 12000	90.1	92.0	92.1	92.1	92.1 93.5	92.1	92.1	92 • 1 93 • 5	92.1	92.1 93.5	92.1 93.5	92•1 93•5	92.1 93.5	92.1 93.5	92.1 93.5	92.1 93.5
≥ 10000 ≥ 9000	92.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4 94.5	94.4	94.5	94.4	94.4		94.5
≥ 8000 ≥ 7000	92.8 93.2	94.9	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.0 95.5	95.5	95.5	95.5
≥ 6000 ≥ 5000	93.4 93.8	95.6 96.1	95.7 96.2		95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	96.2
≥ 4500 ≥ 4000	94.0	96.7	96.3 96.8			96.3 96.8	96.3 96.8	96.3 96.8	96.3 96.8		96.3 96.8	96.3 96.2	96.3 96.8	96.3 96.8		96.8
≥ 3500 ≥ 3000	94.7		97.1 97.3		97.2 97.5	97.2 97.5		97.2 97.5	97.2 97.5		97.2 97.5	97.2 97.5	97.2 97.5	97.2 97.5	97.2 97.5	97.2 97.5
≥ 2500 ≥ 2000	95.0 95.3	97.9	97.6 98.0	98.0	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.1	97.7 98.;	97.7 98.1	97.7 98.1
≥ 1800 ≥ 1500	95.4 95.8	98.3	98.0 98.4	98.5	98.1 98.6			98.1	98•1 98•6		98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	
≥ 1200 ≥ 1000	96.2 96.3	98.8	98.9 99.1	99•0 99•2	99•1 99•3	99.1	99.3	99•1 99•3		99.1 99.4	99 • 1 99 • 4	99•1 99•4	99.1 99.4	99.1 99.4		
≥ 900 ≥ 800	96.3 96.3	99.0	99.2 99.3		99.4 99.4	99.4	99.4	99.4 99.5			99.4	99.5	99.4 99.5	99.4	99.5	99.4
≥ 700 ≥ 600	96.5	99.4	99•4 99•6	99.4	99•5 99•8	99.5 99.9		99.6 99.8	99.6 99.8		(- 	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	96.7 96.7	99.5	99.7 99.7	99.7 99.8	99.8		99.9	99.9		100.0	100.0	100.0	100.0			100.0
≥ 300 ≥ 200	96.7	99.6	99.7 99.7	99.8 99.8	99.9 99.9			99.9	99.9	100.0	100.0	100.c	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.7 96.7		99.7 99.7	99.8	99.9 99.9			99.9			100.0 100.0					100.0

TOTAL NUMBER OF OBSERVATIONS_

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFE TEXAS/SAN ANTONIU 38-45,47-70,72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELLING							Ale Bit	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ 1/6	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CFILING ≥ 20000	71.8 75.4			74.2 78.1			78.1		74.3 78.1					74.3 78.1		
≥ 18000 ≥ 16000	75.4 75.8			78.1 78.5	78.2 78.6	78.2 78.6	78.2 78.6		78.2 78.6					78.2 78.6		
≥ 14000 ≥ 12000	76.1 77.1	78.7 79.9		79.0 80.1	79.0 80.2	79.0	79.0						79.1 80.2	79.1 80.2	79.1 80.2	79.1 80.2
≥ 10000 ≥ 9000	78.5 78.7			81.7 82.0	81.9	81.8 82.1	91.8 82.1		81.8 82.1	81.9	81.9	81.9	81.9	81.9 82.2	81.9 82.2	81.9
≥ 8000 ≥ 7000	79.2 79.4		82.4 82.7	82.6 82.8	82.6 82.9	82.6 62.9		82.6 82.9	82.5		82.7 82.9	82.7	82.7 82.9	82.7 82.9	82.7 82.9	82.7 82.9
≥ 6000 ≥ 5000	79.5 79.7			83.0 83.2	83.1 83.3	83.1 83.3	83.1 83.3	83.1	83.1 83.3	•	83.1 83.4	83·1 83·4	83.1 83.4	83.1 83.4	83.1 83.4	83.1 83.4
≥ 4500 ≥ 4000	79.9			83.4 83.6	83.5 83.7	83.5 83.7	83.5 83.7	83.5 83.7	83.5 83.7	83.5 83.8	83.5	83.5 83.9	83.5 83.8	83.5 83.8	83.5 83.8	83.5 83.8
≥ 3500 ≥ 3000	80.2 80.6			83.9	84.0 84.4	84.0 84.4	. ,		84.0 84.4	84.0 84.5	84.0 84.5	84.0 84.5	84.0 84.5	84.0 84.5	84.0 84.5	84.0 84.5
≥ 2500 ≥ 2000	80.9 81.9		84.7 85.7	84•8 85•8	84.9 85.9	84.9 85.9		84.9 85.9	84.9 85.9		84.9	84.9 86.0	84.9 86.0	84.9 86.0	84.9 86.0	84.9
≥ 1800 ≥ 1500	82.8 85.1	88.88	86.6 89.1	86.8 89.2		86.9 89.3		86.9 89.3	86.9 89.3	86.9	86.9 89.3	86.9	86.9 89.3	86.9 89.3	86.9 39.3	86.9 89.3
≥ 1200 ≥ 1000	89.0 91.3		!	93.5 96.2	93.6 96.2	93.6 96.2	93.6 96.2		93.6 96.2	93.6 96.3		93.6		93.6 96.3		
≥ 900 ≥ 800	92.0 92.7				97.0 97.7		97.7				97.1 97.8	97.1 97.8		97•1 97•8	97.1 97.8	97 • 1 97 • 8
≥ 700 ≥ 600	93 • 1 93 • 5	97,8 98.3	98.1 98.6	98•3 98•8	98.3 98.9	98.3 98.9			98•3 98•9	98.4 98.9	98.4 98.9	98.4 98.9		98.4 98.9		98.4 98.9
≥ 500 ≥ 400	93.7 93.8		99.2	99•1 99•3	99•2 9 9• 5	99•2 99•5	99.2 99.5	99•2 99•5	99•2 99•5	99 • 2 99 • 5	99.2	99.2		99•2 99•5	99.2 99.5	
≥ 300 ≥ 200	94 • 0 94 • 0	99.0	99.4	99•6 99•7				99.8	99.7 99.8		99.8			99.8 99.9	99,9	99.8
≥ 100	94•0 94•0			99.7 99.7	1		99.8 99.8							99.9	100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFE TEXAS/SAN ANTONIO 38-45.47-70.72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0300<u>-05</u>00

CEILING					-		VISIBIL	UTATS) YTI.	re miles)							
(FEET)	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 21⁄1	≥ ?	≥ 11/2	≥ 1¼	≥ 1	≥ ¼	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.9 55.5	55.6 58.4	1	56.4 59.2	56.6 59.4	56.6 59.4	56.6 59.4	56.4 59.4	56.6 59.4	56.6 59.4	56.6 59.4	56.4 59.4	56.6 59.4	56.6 59.4	56.6 59.4	56.6 59.4
≥ 18000 ≥ 16000	55.6 55.8	58.5 58.6	1	59.3 59.4	59.4 59.6	59.5 59.7	59.5 59.7	59.5 59.7	59.5 59.7	59.5 59.7	59.5 59.7	59.5 59.7	59.5 59.7			
≥ 14000 ≥ 12000	56.1 57.4	59.0 60.4	60.9		61.4	61.5	60.0		60.0		61.5	60.0 61.5	61.5	61.5	51.5	61.5
≥ 10000 ≥ 9000	58.8 59.1	61.8	62.4 62.7		63.3	62.9	62.9	63.4		63.4	63.4	63.0 63.4	63.4	63.4	63.4	63.4
≥ 8000 ≥ 7000	59.6 59.9	62.7	63.6		64.2	64.2	63.9		64.0	64.3	64.3	64.3	64.3	64.4	64.4	64.4
≥ 6000 ≥ 5000	60.0	63.6	64.1	64.5	64.8	64.6	54.8	64.9		64.9	64.9	64.7		64.7 64.9		64.9
≥ 4500 ≥ 4000	60.6		64.6		65.3	65.1 65.3		65.4	65.2	65.4	65.4	65.2	65.4	65.4		65.4
≥ 3500 ≥ 3000	61.3		65.4		66.1	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 2500 ≥ 2000	61.6	66.8	67.4	66.2 67.9	68.1	66.5 68.2	66.5 68.2		66.6 68.3 69.7	69.3	68.3	66.6 69.3		68.3	68.3	68.3
≥ 1800 ≥ 1500	64.3 69.1 76.2	68.2 73.3 81.1	73.9	74.4 82.3	74.7	74.8 82.6	74.8	74.8	74.8 82.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9
≥ 1200	81.1	86.8	87.5		88.4	88.4 90.5	A8.5	88.5	88.5 90.6	88.6	88.6	89.6	88.6	88.6	88.6	88.6
≥ 900 ≥ 800	84.5	91.4	92.1	92.7	93.1	93.1	93.2	93.2	93.2		93.3	93.3	93.3	93.3	93.3	93.3
≥ 700 ≥ 600	86.7	94.5	95.4	96.0	96.5	96.5 97.8	96.6		96.6	96,7	96.7	91.7	96.7	96.8	96.8	96.8
≥ 500 ≥ 400	87.9	96.3	97.3	98.0	98.6	98.7	98.8	98.9	98.9		99.0		99.0	99.0	99.0	99.0
≥ 300 ≥ 200 ≥ 100	88.2	96.7	97.8	98.5	99.2		99.4	99.5		99.7	99.7	99.7	99.8	99.9	99.9	
≥ 0	88.2		1	98.5		99.3			99.6							100.0

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

C

RANDOLPH AFB TEXAS/SAN ANTONIU 38-70-72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0080-0800

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.7 44.9		45.3 50.0		46.3 51.2		46.4 51.4	51.5	46.6 51.5	46.6 51.6	46.7 51.7	46.7 51.7	46.7 51.7	46.7 51.8	46.8 51.8	46.8 51.8
≥ 18000 ≥ 16000	45.0 45.3	49.1 49.4		50.8 51.1	51.3 51.6	51.4 51.7	51.5 51.8	51.6 51.9	51.6 51.9	51.7 52.1	51.8 52.1	51.8 52.1	51.8 52.1	51.9 52.2	51.9 52.2	51.9 52.2
≥ 14000 ≥ 12000	45.7 47.0	50.0 51.5	52.6	51.7 53.3	52.2 53.8	52.4 53.9	52.4 54.0	52.5 54.1	52.6 54.1	52.7 54.3	52.8 54.4	52 • 8 54 • 4	56.8 54.4	52.8 54.4	52.8 54.4	52.9 54.4
≥ 10000 ≥ 9000	48.9	53.6 53.9	55.0	55.4 55.7	55.9 56.3	56.0 56.4	56.1 56.5	56.2 56.6	56.2 56.7	56.4 56.8	56.4 56.9	56.4 56.9		56.5 56.9	56.5 56.9	56.5 57.0
≥ 8000 ≥ 7000	50.1 50.5	54.9 55.4	56.5	56.7 57.2	57.3 57.8	57.4 57.9	57.5 56.1	57.6 58.2	57.7 58.2	57.8 59.3	57.9 58.4	57.9 58.4	57.9 58.4	57.9 58.4	57.9 58.5	58.0 58.5
≥ 6000 ≥ 5000	50.8	55.7 56.0	56.9 57.2	57.6 57.9	58.2 58.5	58.3 58.7	58.5 58.8			58.7 59.1	58.8 59.2	58.8 59.2	58.8 59.2	58.9 59.2	59.2	59.2
≥ 4500 ≥ 4000	51.1 51.3	56.1 56.3		58.0 58.2	58.6 58.8		58.9 59.2		59.1 59.3		59.5	59.3 59.5		59.4 59.6	59.6	50.6
≥ 3500 ≥ 3000	51.4 51.8		57.6 58.2	58.3 58.9	58.9 59.6		59.3 59.9				59.7 60.3	59.7 60.3	59.7	59.7 60.3	59.7 60.3	
≥ 2500 ≥ 2000	52.2 53.7	57.7 59.4	60.7	59.8 61.5	60.4	60.6				62.9		61.2 63.0	61.2		61.2 63.0	61.2
≥ 1800 ≥ 1500	54.8	66.5	61.9	62.8		69.8			64.0 70.2			72.5	64.2 70.5	64.3 70.5		70.6
≥ 1200 ≥ 1000	67.1 72.4	74.6	76.2 82.7	77.3 83.8	78.0 84.6	79.2		78.6 85.2	78.7 85.3		85.6	85.6	85.6			
≥ 900 ≥ 800	73.9	82.8	84.7 87.1	85.9 88.5	86.7	86.9	87.3 89.9	90.0	87.5 90.1		90.4	87.7 90.4	90.4	90.5	90.5	87.9 90.6
≥ 700 ≥ 600	76.9 78.0	87.2 88.7	89.3 90.9		91.7 93.6		92.3		92.5	92.6	94.8		94.9	94.9	95.0	
≥ 500 ≥ 400	78.6 78.9		91.9 92.6	94.6	95.1 96.1				97.2	96.4	97.8	97.8	97.9	98.0	98.0	
≥ 300 ≥ 200	79.1 79.1		93.1 93.1	95.1 95.2	96.8 96.8			98.3 98.3		99.0	99.3	99•1 99•3	99.4	99•3 99•6	99.7	99.9
≥ 100 ≥ 0	79.1 79.1	90.5	93.1 93.1	95•2 95•2	96.8 96.8	97.2 97.2	97.9 97.9		98•5 98•5	99.1 99.1	99.3	99.3	1	99•6 99•6		100•0 100•0

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OSSOCIETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIU 38-70.72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTAT2} YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.1 65.0	60.7 68.1	61.U 68.4	61.2 68.5			61.2 68.5	61.2 68.5	61.2 68.5			61.2 68.5	61.2 68.5			
≥ 18000 ≥ 16000	65.3 66.1	68.4 69.2		-	68.8 69.6		58.8 69.6					-	68.8			68.8
≥ 14000 ≥ 12000	67.2 68.7	70.3			70.7 72.5		70.7 72.5		70.7 72.5	70.7 72.5	70.7 72.5	70.7 72.5	70.7	70.7	70.7 72.5	
≥ 10000 ≥ 9000	70.2 70.9	73.7		74.1 74.9	74.2 74.9	74.2 74.9	74.2 74.9	74.2 74.9	74.2 74.9			74.2 74.9	74.2		74.2 74.9	
≥ 8000 ≥ 7000	71.5 71.8	75.0 75.4	75,7		75.5 75.9	75.9	75.6 75.9		75.6 75.9	75.6 75.9		75.6 75.0			75.6 75.9	
≥ 6000 ≥ 5000	71.9 72.1	75.6 75.9		76.1 76.3		76.4	76.1 76.4	76.1 76.4	76.1 76.4		76.1 76.4	76.1 76.4		76.1 76.4	76.1 76.4	
≥ 4500 ≥ 4000	72.3 73.2	76.1 77.0		76.5 77.5		77.6	77.6		76.6 77.6			76.6 77.5			76.6 77.6	
≥ 3500 ≥ 3000	74.3 76.1	78.2 80.1		78.7 80.6					78.8 80.8			78.8 80.8		, ,		78.8
≥ 2500 ≥ 2000	79.5 84.1	83.7 88.6	,	84·4 89·3	84.5 89.5			84.5 89.5	84.5 89.5		84.5 89.5		84.5 89.5		84.5 89.5	84.5
%8i ≤ 00c' ≤	85.7 88.2	90.4 93.4	90.9 93.9	91 • 1 94 • 2	91.3 94.4	94.4	91.3 94.4	91.3 94.4	91.3 94.4	91.3 94.4			91.3		91.3 94.4	91.3
≥ 1200 ≥ 1000	89.9 90.6	95.5 96.3	96 • 1 97 • 0	56.4 97.3	96 • 6 97 • 5					96.6 97.5	96.6 97.5		96.6 97.5	96.6 97.5	96.6 97.5	
≥ 900 ≥ 800	91.0 91.1	96.9 97.1	97.5 97.5	97.8 93.1	98.3	98.4	98•0 98•4	98.0 98.4	98.0 98.4			98.0 98.4	98.0 98.4	98.0 98.4	98.0 98.4	
≥ 700 ≥ 600	91.3 91.3	97.4 97.6	98.3	98.4 98.7	98•7 99•0	99.1	98•9 99•1	98.9	98•9 99•2	98.9 99.2		98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	
≥ 500 ≥ 400	91•4 91•4	97.8 97.9		98.9 99.1	99•3 99•5	99.5	99•4 99•7		99•4 99•7				99.5 99.8		99.5 99.8	
≥ 300 ≥ 200	91.4 91.4	97.9 97.9		99•1 99•1	99•5 99•5		99•7 99•7				99.9	99.9		99.9		100.0
≥ 100 ≥ 0	91.4 91.4	97.9 97.9		99.1 99.1	99.5 99.5		99.7 99.7				99.9 99.9					100•0 100•0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 104 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIU 38-70,72-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING					,		VISIBIL	UIX 1973, VII	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ 36	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.4 71.7	61.8 73.4	62.0 73.6	62.0 73.6	62.0 73.6	62.0 73.6	52.0 73.6	62.0 73.6	62.0 73.6		62.0 73.6	62.9 73.6	52.0 73.6			62.0 73.6
≥ 18000 ≥ 16000	72.0 72.5	73.7 74.3	73.9 74.5	73.9 74.5	73.9 74.5	73.9 74.5	73.9 74.5	73.9 74.5	73.9 74.5	73.9 74.5	73.9 74.5		73.9 74.5	73.9 74.5	73.9 74.5	73.9
≥ 14000 ≥ 12000	73.7 75.8			75.8 77.9		75.8 77.9								77.9		
≥ 10000 ≥ 9000	76.9 77.2		79.6			79.3			79.6	79.6		79.6			79.6	79.6
≥ 8000 ≥ 7000	77.7 77.9			80.7			85.7		80.7	80.7	80.7	80.7	80.7	80.7	80.7	
≥ 6000 ≥ 5000	78.5 81.3				81.4 84.4		94.4	84.4		34.4	84.4	84.4		84,4	84.4	84.4
≥ 4500 ≥ 4000	83.9 87.2	90.1	87.0 00.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	87.0 90.5	90.5	90.5	90.5	90.5	99.5
≥ 3500 ≥ 3000	89.6 92.1	92.5 95.1	92.9 95.5	93.0 95.6	93.0 95.6	93.0 95.6	95.6	95.6	93.0 95.6			. – .		95.6		93.0 95.6
≥ 2500 ≥ 2000	93.7 94.5		97.5 98.4			97.6 98.5	97.6 98.5				97.6 98.5		97.6 98.5			, ,
≥ 1800 ≥ 1500	94.5 94.7	98.0 98.3	98.4 98.7	98.5 98.8	98.5 98.9	98.5 98.9	98.6 98.9	98.6 98.9	-		98.6 98.9	98.6 98.9	98.6 98.9		98.9	98.9
≥ 1200 ≥ 1000	94.8	98.4 98.5	98.9 99.0	98.9 99.1	99.0 99.2	99•0 99•2	_	99•2 99•3	99•2 99•3		99.2		99.2	99.2	99.2	
≥ 900 ≥ 800	95.0 95.0	98.6 98.8	99.1	99•2 99•3	99.2 99.4	99 • 2 99 • 4	99.5	99•4 99•5	99•4 99•5	99.4 99.5	99•4 99•5	99.4 99.5	99.5		99.4 99.5	99.4
≥ 700 ≥ 600	95 · 1	98.9 98.9	99.4 99.4		99.6 99.6	99.6 99.6	99•6 99•7	99•7 99•7	99•7 99•7	99.7	99.7 99.7	99•7 99•7	99.7 99.7		99.7	99.7 99.7
≥ 500 ≥ 400	95•2 95•2	98.9 98.9	99•4 99•4			99.7 99.7	99•8 99•8	99•8 99•8		99.9	99.9	99.0	99.9	99.9	99.9	99.9
≥ 390 ≥ 200	95.2 95.2	98.9 98.9	99•4 99•4			99.7 99.7	99.8	99.9 99.9	99.9		100.0					100.0
≥ 100 ≥ 0	95.2 95.2	98.9 98.9	99.4 99.4			99.7 99.7		99.9 99.9	99.9		100.0 100.0				L ' -	100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC N 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911

RANDULPH AFB TEXAS/SAN ANTONIU

28-70,72-75

AUG_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		61.5 78.0		7.5	61.6 78.1	78.1	78.1		,		61.6 78.1	61.6 78.1	61.6 78.1	1	61.6 78.1	61.6 78.1
≥ 18000 ≥ 16000	76.7 77.2	78.8	78.4 78.9		78.4 79.0	78.4 79.0								78.4 79.0	78.4 79.0	78.4 79.0
≥ 14000 ≥ 17000	78.4				80.2 82.8	87.2 82.8		80.2 82.P	30.2 82.8	80.2 82.8	80.2 82.8		80.2 82.8	80.2 82.8	80.2 82.8	80.2 82.8
≥ 10000 ≥ 2000	82.5 82.9			85.0	85.0	84.7 85.0	95.0	84.7	84.7 85.0	84.7 85.0			84.7 85.0	84.7 85.0	84.7 85.0	84.7
≥ 8000 ≥ 7000	83.4 84.3	85.6 86.7			85.8 86.8	85.8 86.8	°5•8 °6•8	85.8 86.8	85.8 86.8		85.8 86.8			85.8 86.8	1	85.8
≥ 6000 ≥ 5000	86.0 89.4	88.5 92.0	88.6 92.1	88.6 92.1	88.6 92.1	88.6 92.1	98.6 92.1	88.6 92.7	88.6 92.2	88.6 92.2	88.6 92.2	88.6 92.2	88.6 92.2	88.6 92.2	38.6 92.2	88.6 92.2
≥ 4500 ≥ 4000	90.8 92.6	95.4	93.6 95.6	93.7 95.6	93.7 95.7	93.7 95.7	93.7 95.7		93.7 95.7	93.7 95.7	93.7 95.7	93.7 95.7	93.7 95.7	93•7 95•7	93.7 95.7	93.7 95.7
≥ 3500 ≥ 3000	93.8 94.7	97.7	97.0 98.0	97.0 98.0	97•1 98•1	97.1 99.1	97.1 98.1		97·1 98·1	97.1 98.2	97.1 98.2	97.1 98.2	97.1 98.2	97·1 98·2	97.1 98.2	97·1 99·2
≥ 2500 ≥ 2000	95.0 95.3	98.1 96.5		98.5 98.9	98.5 99.0	98.5 99.0		98.5 99.0	98.5	98.6 99.1	98.6 99.1	99.6 99.1	98.6 99.1	98.6 99.1	98.6 99.1	98.6 99.1
≥ 1800 ≥ 1500	95.4 95.6	98.7 98.9		99.0 99.2	99•1 99•3	99.1	99.1	99.2	99.2	99.2 99.4	99•2 99•4	99.2		99 • 2 99 • 4	99.2	99.2
≥ 1200 ≥ 1000	95•7 95•8	99.0 99.1	99.3	99.4 99.4	99.5 99.6	99.5	99.5		99•6 99•7		99.6 99.7			99.6 99.7	99.6 99.7	99.6 99.7
≥ 900 ≥ 800	95 • 8 95 • 8	99.1 99.1	99•4 99•4	99.5 99.5	99.6 99.6	1			99•7 99•8			99.8 99.9	99.8	99.8	99.8	1
> 700 ≥ 600	95•8 95•8		99•4 99•4	99•5 99•5	99.6 99.6	99.6 99.6	99•7 99•7		99•8 99•8		99.9			99.9		99.9
≥ 500 ≥ 400	95 • 8 95 • 8		99.5 99.5	99.6 99.6	99•7 99•7	99.7 99.7			99.9		99.9 100.0			99.9		99.9
≥ 300 ≥ 200	95.8 95.8	99.2	99.5 99.5	99.6 99.6	99.7	99.7 99.7	99.8	99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	95.8 95.8		99.5 99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.9	99.9	100.0	100 • 0 100 • 0	100.00	100.0	100.00	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 342

USAF ETAC 21.64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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CEILING VERSUS VISIBILITY

12911

RAMORLPH AFE TEXAS/SAM ANTONIU

38-45,47-75

AUG_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1800-2000

CEILING							VISIBIL	UTATE) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ ?	≥11/4	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	68.5 34.0	69.6 85.4	69.7 35.5	69.7 65.5	69.7 85.5	69.7 85.5	69.7 "5.5	69.7 85.5	69.7 85.5	69.7 85.5	69.7 95.5	69.7 85.5	69.7 85.5	69.7 85.5	69.7 85.5	69.7 85.5
≥ 18000 ≥ 16000	84.2 64.8		85.8 86.4	85.9 86.4	85.9 86.4	35.9 86.4	85.5 96.4	35.9 86.4			85.9 86.4	85.0 86.4		85.9 86.4	85.9 86.4	85.9 86.4
≥ 14600 ≥ 12000	85.9 88.2	87.5 89.8	87.5 89.9	87.6 90.0	87.6 90.0	87.6 90.0	37.6	87.6 90.0	87.6 90.0		87.6	87.6	87.6 90.0	87.6 90.0		87.6 90.0
≥ 10000 ≥ 9000	90.2 90.7	91.9 92.4	91.9 92.4	92.0 92.5	92.0 92.5	92.0	92.0	92.5	92.0 92.5		92.5	92.5	92.0 92.5	92.5		92.0 92.5
≥ 8000 ≥ 7000	91.9 92.6	93.5 94.3	93.6 94.4	93.7 94.4	93.7 94.4	93.7	93.7	93.7	93.7		93.7	93.7	93.7 94.4	93.7	93.7	
≥ 6000 ≥ 5000	92.9 94.1	94.7 96.0	94.8 96.1	94.9	94.9	94.9	, , ,	94.9	94.9		94.9 96.3		94.9	94.9	94.9	
≥ 4500 ≥ 4000	94.6 95.5	96.6 97.5	96.7 97.6		96.8 97.8			96.8 97.9	96.8 97.8	96.8 97.8	96.8 97.8		96.8 97.8			
≥ 3500 ≥ 3000	95.3 96.2				98.6	98.6	98.6	98.2 98.7			98.2 98.7	98.2 98.7	98.2 98.7	98.2 99.7		98.2 98.7
≥ 2500 ≥ 2000		98.7	98.7 99.0	98.9 99.2		99.0 99.3		99.0 99.3		99.0 99.3	99.0	99.0 99.3	99.0	99.0 99.3	99.1	99.1 99.3
≥ 1800 ≥ 1500	96.6 96.7	59.0	99.0	99.4	99,5	99.3 99.5	99.4	99.4	99.4		99.4	99.4	99.4 99.6	99.4		99.4
≥ 1200 > 1000	96.8 96.8	99.1	99.3	99.6	99.7	99.7	99.7 99.8	99.7 99.8	99.7 99.8		99.7 99.8	99.7	99.7	99.7 99.9	99.7 99.9	99.7
≥ 900 ≥ 800	96•8 96•8	99.2	99.4 99.4	99.6	99.8	99.1	99.8	99.8 99.9	99•8 99•9	99.9 99.9	99.9	99.9	99.9 99.9	99.9	99.9 99.9	
≥ 700 ≥ 600	96 • 8 96 • 8		99•4 99•4		99.8		99.8	99.9	99.9		99.9				99.9	
≥ 500 ≥ 400	96.9 96.9		99.4	99.7		99.8	29.9	99.9			99.9			99.9	100.0	100.0
≥ 300 ≥ 200	96.9 96.9	99.2	99.4	99.7		99.8 90.9		99.9				99.0	99.9	99.9		100.0
≥ 100 ≥ 0	96.9 96.9	99•2 99•2	99•4 99•4		99•8 99•8	99.8 99.8	1	99.9	99.9		99.9					100 • 0 10C • 0

TOTAL NUMBER OF OBSERVATIONS

3339

USAF ETAC ALSO 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING BRIGGE USAF ETAC AIR WEATHER SERVICE/JAC

CEILING VERSUS VISIBILITY

RANDOLPH AFE TEXAS/SAN ANTONIO 28-45,47-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄4	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ′⁄2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	82.1 85.7		83.5 90.2	83.5 90.3	63.5 90.3		93.5 93		83.5		83.5 90.3	83.5			83.5 90.3	
≥ 18000 ≥ 16000	88.9 89.2		90.5 90.7		30.5 90.8		90.5 98	90.5			90.5 90.5	90 • 5 90 • 9	90.5 90.8		90.5 90.8	90.5 90.3
≥ 14000 ≥ 12000		91.3	92.2	92.2	91.4 92.2	92.2		91.4 92.2	- 1	91.4	91.4 92.2	91.4	91.4 92.2		91.4 92.2	91.4 92.2
≥ 10000 ≥ 9000	92.1 92.5		94.0 94.4	94.4	94.0	94.4	94	94.7	94.0	94.0 94.4	94.0	94.4	94.0 94.4	94.0	94.4 94.4	94•0 94•4
≥ 8000 ≥ 7000	93.1 93.3	95.2		95.4		95.4		95•1 95•4	95•1 95•4	95.1 95.4	95.1 95.4	95 • 1 95 • 4	95.1 95.4	95•1 95•4	95.1 95.4	95.1 95.4
≥ 6000 ≥ 5000	93.5 93.9	95.8		96.0	95.6 96.0	96.0	96.0	95.5 96.1				95.6 96.0	95.6 96.0			95.6 96.0
≥ 4500 ≥ 4000	94.1 94.7	96.0		96.9	96.2 96.9	94.9	96.9	96•2 96•0	96.2 96.9		96.9	96.9		96.0	96.2 96.9	96•2 96•9
≥ 3500 ≥ 3000	94.8 95.1	97.2	97.4	97.4	97.0 97.4	97.4	97.4	97.0 97.4	97•0 97•4		97.4 97.4		97.0 97.4		97.0 97.4	97.0 97.4
≥ 2500 ≥ 2000	95•3 95•6		97.7 98.1	97.7 98.1	97.7 98.1	98.1	95.1	97.7 98.1		98.1	98.1		97.7 98.1		97.7 98.1	97.7 98.1
≥ 1800 ≥ 1500	95.7 96.0		98•2 98•6			99.7	98.7	98•2 98•7	98.7	98.7			98 • 2 98 • 7	98 • 2 98 • 7		98•2 98•7
≥ 1200 ≥ 1000	96•3 96•6	99.0	99.0	99.3	99.3		99.3	99.3	99.0		99.0 99.3		99.0 99.3		99.0	
≥ 900 ≥ 800	96.6 96.8			99.6	99.3 99.6	99.6	99.0				99.4 99.6		99.4 99.6		99.4 99.6	
≥ 70u ≥ 600		59.5	99•6 99•7	99.7	39.7	99.7	99.7		99.7	99,8		99.8		99•7 99•8	99.7 99.8	
≥ 5.00 ≥ 400		99.6	99.8	99.8	99.8	99.8 99.8	99.8	99•8 99•8	99.8	99.9	99.9	99.9	99.9	99.9	99.9 99.9	90.9
≥ 300 ≥ 200	97.1 97.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100 • 6 100 • 6	100 • 0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97•1 97•1		99.9 99.9	99.9	99.9!	90.9	99•9	99.9	99.9	100.0	100.01	100•0	100.0	100.0	100 • u	100.0l

USAF ETAC $^{\text{FORM}}_{\text{AR-GL}} = 0.14-5$ (OL A) memous editions of this form art ossolete

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CEILING VERSUS VISIBILITY

RANCOLPH AFE TEXAS/SAN ANTONIO 38:40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_00<u>003=0</u>200

CEILING							VISIBIL	ITY (STATU	TE MILES)		-					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 3:	≥ '⁄2	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	59.9 64.3	1			61.4 66.1	61.4 66.1		61.4 66.1	61.5 66.2	61.5 66.2	61.5 66.2		61.5 66.2	61.5 66.2	61.5 66.2	
≥ 18000 ≥ 16000	64.4	65.9 66.4	66.0 66.5		,	64.8							66.4 66.9	66.9	66.4 66.3	66.9
≥ 140±0 ≥ 12000	65.8 67.0			68.9	69.1	59.1					69.2	69.2		69.2	69.2	
≥ 10000 ≥ 9000	68.1	70.6	70.7	70.8		71.1	71.2	71.2	71.2	71.2	71.2	71.2	70.5 71.2	71.2	71.2	
≥ 8000 ≥ 7000		72.0	72.2	72.3	72.6	72.6	72.7	72.7	72.7	72.7	71.9	72.7	72.7	72.7	72.7	72.8
≥ 6000 ≥ 5000		72.7	73.0	73.1	73.5	73.5	73,6	73.6	73.6	73.6	73.0 73.0	73.4	73.6	73.6	73.6	73.6
≥ 4500 ≥ 4000		73,8	73.5 74 <u>.2</u>	74.3	74.6	74.7	74.8		74.9	74.9	74.9		74.9	74.9	74.9	74.9
≥ 3500 ≥ 3000	72.1 72.7 73.4	75.1	74.7	75.6	76.0	76.0	76.1	76.2	76.2	76.2	76.2	75.4 76.2	76.2	75.4 76.2 77.1	76.2	
≥ 2500		77.2	76.3 77.6 78.2	77.8		78.3	78.4	77.1 78.4 79.1	78.5	78.5	78.5	78.5		78.5	78.5	78.5
≥ 1800 ≥ 1500 ≥ 1200		80.0		80.7	81.1	81.2	81.4	81.5	81.5	21.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1000	84.5	88.2	88.8	89.1	89.6	89.7	89.9	90.0	-	90.1	90.1	90.1 91.7	30.1	90.1	90.1	90.1
≥ 800	87.4	91.5	92.2	92.7	93.3	93.4	93.6	93.7		93.8	93.8		93.8	93.8	93.3	93.8
≥ 700 ≥ 600 ≥ 500	89.2	93.9	94.9	95.5	96.2	96.3	95.6		96.7	96.8	96.8			96.8		96.8
≥ 400	89.8		96.1	96.9	97.7	97.9	98.5		98.8	98.9	98.9	98.9	98.9			99.4
≥ 300 ≥ 200 ≥ 1∩0	90.0	95.2		97.3	98.3	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8 100.0
≥ 0																100 • C

TOTAL NUMBER OF OBSERVATIONS.

3229

USAF ETAC 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTUNIO 38,40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTAT2) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥1%	≥ 11/4	≥ 1	≥ ¾	≥ 3,	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.7	51.3 54.1	51.8 55.1	51.9 55.2	52.0 55.4	2.1 55.4	52.2 55.5	52.2 55.6	52.2 55.6		52.3 55.6	52.3 55.6	52.4 55.7	52.4 55.7	52.4 55.7	52.4 55.7
≥ 18000 ≥ 16000	52.3 52.5	54.7 55.0	55.3 55.6		55•5 55•ช	55.6 55.9	55.7 55.9	55.7 56.0	55.7 56.0	55.8 56.0	55.8 56.1	55.8 56.1	55.9 56.1	55.9 56.1	55.9 56.1	55.9 56.1
≥ 1 .'m ≥ 1,	53.0 54.1	55.4 56.7	56.1 57.3	1	56.3 57.6	56.3 57.6	56.4 57.7	56.5 57.7	56.5 57.7	56.5 57.8	56.6 57.8	56.6 57.8	56.6 57.9	-		57.9
≥ 10000 ≥ 9000	55.1 55.4			58.9	58.7 59.1	58.8 59.1	50.9 59.2	58.9 59.3	58.9 59.3	58.9 50.3	59.0 59.3	59.0 59.3	59.0 59.4	59.0 59.4	59.0 59.4	59.0 59.4
≥ 8000 ≥ 7000	56.3 56.5		59.7 60.0	60.1	60.0	60.0 60.4	60.1 60.5	60.2 60.5	50.2 60.6	60.2 60.7	60.2 60.7	60 • 2 60 • 7	60.3	60.3 60.7	60.3	60.3
≥ 6000 ≥ 5000	56.9 57.2	60,2		61.1	61.0 61.4	61.5	61.1	61.2 61.7		61.2 61.7	61.3	61.3	61.3	61.3 61.8	61.3	
≥ 4500 ≥ 4000	57.4 57.8		61.8	62.0	61.8	61.8	62.0 62.5	62.1 62.6	62.1 62.6	62.1 62.7	62.1 62.7	62.7	62.2 62.8	62.2 62.8	62.2 62.8	
≥ 3500 ≥ 3000	58.3 59.3	62.6	62.4		62.9 64.1	63.0	63.1 64.3	63.3	63.3 64.5	63.3 64.5	63.3	63.3	63.4	63.4 64.6	63.4 64.6	63.4
≥ 2500 ≥ 2000	61.6	63.8 65.3	64.8	65.0 66.6	65.4 67.1	65.4 67.1	65.6	65.8 67.5	65.8 67.5	65.9 67.5	65.9 67.5	65.9 67.5	65.9 67.6	65.9 67.6	65.9 67.6	
≥ 1800 ≥ 1500	62.5 64.7	66.3 68.8	67.3 69.8	67.6 70.1	68.2 70.8	68.2 70.8	68.4 71.0	68.6 71.2	68.6	68.6 71 2	68,7	68.7 71.3	68.7 71.3	68.7 71.3	68.7 71.3	68.7
≥ 1200 ≥ 1000	69.3 73.1	74.1 78.6	75.2 80.0	75.6 80.3	76.3 81.2	76.4 81.3		76.8 81.7	76.8	76.8 81.8	76.9 11.8	75.9 81.9	76.9 81.9	76.9 81.9	76.9 31.9	76.9 81.9
≥ 900 ≥ 800	74.9	90.9 83.6			83.7 86.8	86.8		84.2 87.3	84.2 87.3			84.2 87.4	84.3 87.4			
≥ 700 ≥ 600	78.8	86.0 87.8	87.6 89.5	88.5 90.5	89.6 91.7	89.7 91.8			90.2 92.2	90.2 92.3	90.2 J2.4	92.4	90.3		90.3 92.4	92.4
≥ 500 ≥ 400	80.6	90.4	91.3 92.5	92.6 94.0	94.0 95.5	95.7			94.7 96.8	94.8 96.9		94.9			95.0 97.1	97.1
≥ 300 ≥ 200	81.8	91.4	93.5		96.8	97.2	98.4		98.5	98.7 99.3		99.5	99.0 99.7		99.0 99.7	99.7
≥ 100 ≥ 0	81.8	91.4	93.7 93.7		97.U 97.1	97.2 97.2	98.5		99•1 99•2	99,4		99•6 95•7	99.8 99.8		99.3 99.9	99.8

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC TUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38,40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LEILING							VISIBI	UTATZ) YTI.	TE MILES)							İ
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.3 40.9	43.3 47.4	44.9 49.2	45.6 50.0	46.1 50.5	46.2	46.3 50.8				46.6 51.1	46.6 51.1	46.8 51.3			
≥ 18000 ≥ 16000	41.2	47.8 48.0	49.5	50.4 50.7	50.9 51.2	50.9 51.3	51.1 51.4	51.3 51.6	51.3 51.6	51.4 51.7	51.4 51.8	51.4 51.8	51.6 51.9	51.6 51.9	51.7	51.8
≥ 14000 ≥ 12000	42.3	48.9 50.6	50.8 52.6	51.7 53.4	52.2 53.9	52.2 54.0	52.4 54.2		52.7 54.4	52.8 54.6	52.8 54.6	52.8 54.6	53.0 54.8	53.0 54.8	53.0 54.6	53.1
≥ 10000 ≥ 9000	45.4 45.8	52.6 53.1	54.6 55.1	55.4 55.9	55.9 56.4	56.0 56.5	56.2	56.5	56.5 57.0	56.7 57.1	56.7 57.2	56.7 57.2	56.8 57.3			
≥ 8000 ≥ 7000	46.5 46.6	53.8 54.0	•	56.7 57.0	57.3 57.6	57.4	57.6 58.0		58.0 58.3	58.2 58.4	58.1 58.5	58.1 58.5	58.3 58.6	58.3 58.7	58.4 58.7	
≥ 6000 ≥ 5000	47.0 47.4	54.5 55.2		57.5 58.1	58.1 58.8	58.2	58.5	58.8 59.6	58.9 59.6			59.0	59.2 59.9	59.2	59.3	
≥ 45.0 ≥ 4000	47.7 48.1	55.5 56.0	57.6 58.1	58.5 59.0	59.2 59.7	59.3 59.8	59.6	59.9 60.5	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.5
≥ 3500 ≥ 3000	48.8 49.6	56.7 57.7	58.8 59.5	59.7	60.4	60.5	60.9	61,3	61.3	61.5	61.5	61.5	61.6	61.7	61.7	61.8
≥ 2500 ≥ 2000	50.5 51.5	58.8 60.1	60.9	62.0 53.3		62.8 64.2	63.1	63.5	63.6	63.7	63.8	63.8	63.9	63.9	64.0	64.1
≥ 1800 ≥ 1500	52.1 54.6	63.7 63.5	62.9 65.8	64.0 56.9	64.8 67.8	64.9 67.8	65.2 66.2	65.6	65.7 68.7	65.8 68.9	65.9 68.9	65.5	66.0	66.0	69.2	66.2
≥ 1200 ≥ 1000	58.0 61.2	67.8 72.2	70.3 75.0	71.4	72.3 77.1	72.5	72.9	73.3	73.3		73.6	73.6	73.7		73.8	
≥ 900 ≥ 800	62.4	73.9 76.5	76.7 79.5	78.3 81.4	79.2 82.6	79.3 82.7	79.8	80.3 83.8		80.6 84.1	80.6	80.6	80.8 84.4			
≥ 700 ≥ 600	65.5 66.4	78.6 80.2	81.8 83.7	83.8 86.0	1	85.4 87.9	86.1 88.6			87.1 89.9	87.2 90.0		87.4 90.2			87.6 90.4
≥ 500 ≥ 400	67.1 67.6	81.5 82.4	85.6 86.7	88.4 89.8	90.6 92.2		91.7 93.6	92.4	92.7 94.8		93.4	93.4	93.6 95.8	93.7 95.9	93.7	93.3
≥ 300 ≥ 200	67.8 67.8	82.8 82.8	87.2 87.3	90.4 90.7	92.9 93.1	93.3 93.6	94.7 95.0	95.8 95.2	96 • 1 96 • 6	97.1	97.4	97.4	97.7 98.4	97.9 98.6	98.9	98 • 1 99 • 0
≥ 100 ≥ 0	67.8 67.8	82.8 82.8	87.3 87.3	90.7 90.7	93.1 93.1	93.6 93.6	95.1		96.6		98.1		98.6 98.6	98.8	99.2	

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38.40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0900-1100

CEILING							VISIBIL	ITY (STATU	TL MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	21%	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.8 53.5	50.0 56.0	50.3 56.4	50.4 56.4	50.4 56.4		5 ₀ . 4 56 . 4			50.4 56.4			50.4 56.4			
≥ 18000 ≥ 16000	53.9 54.2	56.4 56.8	56.8 57.2		56.9 57.3			57.3		56.9 57.3		56,9 57,2				- 1
≥ 14000 ≥ 12000		58.0 59.8				60.3	6.4		60.4	50.4		58.6 60.4		60.4	50.4	60.4
≥ 10000 ≥ 9000	58.6 59.0				62.2	62.6	62.6		62.6			62.6	62.2 62.6	52.6	52.6	62.6
≥ 8000 ≥ 7000	59.9 60.6			64.4			54.5	64.5	64.5					64.5		63.7 64.5
≥ 6000 ≥ 5000	61.7			65.8		65,9	65.1 66.0		66.0		66.0	65.1 66.0	65.1	66.0	66.0	65.1 66.0
≥ 4500 ≥ 4000	62.1		66.1	67.3	66.4	67.4	67.5		67.5	67.5	67.5	67.5		67.5	67.5	67.5
≥ 3500 ≥ 3000	66.4	68.0 79.2 74.5	70.7	70.9	68.8 71.0	71.0	71.1	68.8 71.1	71.1	71.1	71.1	68.8	68.8	71.1	71.1	71.1
≥ 2500 ≥ 2000	70.4 74.9 76.8	79.1 81.1	75.0 79.7 81.7	80.0		80.2	80.3	75.5 80.3	75.5 20.3	75.5 80.3		75.5 80.3 82.3	75.5 80.3 82.3		80.3	
≥ 1800 ≥ 1500 ≥ 1200	80.3	85.0		86.1		86.3	86.5	82.3 86.5 90.9	86.5	86.5 90.9	96.6	86.6	86.6		86.6	86.6
≥ 1000	85.0	91.4 92.2			93.2 94.2	93.3	93.4	93.5	93.6	93.5	90.9 93.7 94.8	93.7	,	93.7	93.7	93.7
≥ 900 ≥ 800 ≥ 700	85.9	93.1	94.3		95.3	95.4	95.7	95.9 97.1	95.9		96.0	96.0	96.0	96.0	96.0	
≥ 600 ≥ 500	86.9	94.7		96.9	97.5		98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400 ≥ 300	87.0	95.2 95.2		97.7		58.5	99.1	99.3	99.5		99.8		99.8	99.8		99.8
≥ 200 ≥ 100	87.0	95.2 95.2			98.4	98.5	99.1	99.4	99.5	59.8	99.9	99,9	99.9	100.0	100.0	
≥ 0	87.0	95.2						99.4		99.8		99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

CEILING VERSUS VISIBILITY

RANUOLPH AFB TEXAS/SAN ANTONIO 38,40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTAT2) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄1	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.4 60.8	53.4 62.3	53.6 62.5		53.6 62.5	53.6 62.5		53.6 62.5		53.6 62.5	53.6 62.5	53.6 62.5	53.6 62.5	53.6 62.5		
≥ 18000 ≥ 16000	61.0 61.6		62.7 63.4	62.7 63.4	62.8				62.8 63.4	62.8 63.4		62.8	62.8 63.4	62.8 63.4	63.4	63.4
≥ 14000 ≥ 12000	63.4 65.6		65.3 67.5	67.5			57.6	67.4	67.6		65.4 67.6	65.4	65.4 67.6		65.4 67.6	67.6
≥ 10000 ≥ 9000	66.9 67.4		68.9 69.5				49.6	69.0 69.6		69.6		69.6	69.0 69.6	69.6	69.0 69.6	69.6
≥ 8000 ≥ 7000	68.2 69.3	71.5	70.4	71.7	70.5	70.5 71.8				71.8			70.5 71.8	70.5 71.8	70.5 71.8	71.8
≥ 6000 ≥ 5000	70.1 72.6	75.1	72.7 75.3			75.5	75.6	72.9 75.6		75.6	75.6	75.6	72.9 75.6	75.6	72.9 75.6	
≥ 4500 ≥ 4000	74.8	77.4 81.2	77.6 81.3		77.8	81.5						81.6		81.6	77.9 81.6	77.9 81.6
≥ 3500 ≥ 3000	82.4 85.7	85.2 38.7		89.1	85.6 89.2	89.2	89.3	89.3			89.3	89.3	89.3	89.3	85.7 89.3	
≥ 2500 ≥ 2000	88.6 89.9	91.9 93.2	93,5	93.6		93.9	94.0	94.0	92.6 94.0	92.6 94.0		92.6		94.0	92.6 94.0	_
≥ 1800 ≥ 1500	90.3		95.2	95.3		95.6	95.8			94.5 95.8	95.8	95.0		95.8	95.8	94.5 95.8
≥ 1200 ≥ 1000	92.3 92.6			97.4	97•3 97 <u>•</u> 7	97.8	98.0	97•5 98•0	98.0		98.0	98.0	97.5 98.0	98.2	98.0	98.0
≥ 900 ≥ 800	92.7 92.8			97.9	98.3	98.3	98.6	99.6	98.6	98.2 98.6	98.6	98.6		98.6	98.6	98.6
≥ 700 ≥ 600	92.9 93.0	97.3	96.0	98.5	98•8 98•9	99.0	99.3	99.3	99.3	99.4	99.4	99.4		99.4	99.1 99.4	
≥ 500 ≥ 400	93.0 93.0		98.1	98.5	99.1 99.1	99.2		99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.8 99.9	99.9
≥ 300 ≥ 200	93.1 93.1	97.4 97.4		98.6	99.2	99.3	99.7	99.8 99.8	99.8		99.9	99.9	100.0	100 • 0 100 • 0	100.0	100.0
≥ 100 ≥ 0	93.1 93.1	97.4 97.4		98.6 98.6	99.2 99.2			-		99.9 99.9	99.9 99.9			100.0 100.0		

TOTAL NUMBER OF OBSERVATIONS_

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FOCM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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RAMDULPH AFB TEXAS/SAIL ANTONIU 38,40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1500=1700

CEILING							VISIBIL	ITY (STATU	TE MILES)							ļ
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1½	≥1%	≥ 1	≥ %	≥ ¾	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.6 71.2	61.5 72.3	61.7 72.5	61.7 72.6	61.7 72.0		74.0	72.5	72.6	72.6	72.6	61.7 72.6			61.7 72.6	
≥ 18000 ≥ 16000	71.4	72.6	72.8 73.5	72.9 73.6	72.9 73.6			72.9 73.6				72.9 73.6	72.9 73.6		72.9 73.6	72.9
≥ 14000 ≥ 12000	73.8 75.8	75.2 77.2	75.4 77.4		75.5 77.6	75.5 77.6		75.5 77.6			1	75.5 77.4		75.5 77.6	75.5 77.6	75.5 77.6
≥ 10000 ≥ 9000	78.4 78.8	80.0 80.5	80.3 80.7	80.5 80.9	80.6	80.6 81.1	80.6 81.1	80.6 81.1	80.6 31.1	80.6 81.1	80.6 81.1	80.6	80.6 81.1	80.6 81.1	80.6 81.1	80.6
≥ 8000 ≥ 7000	79.9 80.9	31.6 82.7	81.9 83.1	82.1 33.2	82.3 83.5		82.3 83.5		82.3 83.6	82.3 83.6	82.3 83.6	82.3 83.6	82.3 83.6	82.3 83.6	82.3 83.6	
≥ 6000 ≥ 5000	82.0 83.9	83.9 85.9	84.2	84.4 86.4	84.6 86.6		84.6 86.6	84.7	84.7	84.7			84.7	84.7 86.7	84.7 86.7	
≥ 4500 ≥ 4000	85.6 87.4	87.7 89.7	88.0 90.1		88.4 90.5	38.4					88.5 90.6		88.5		88.5 90.7	88.5 90.7
≥ 3500 ≥ 3000	88.6 90.3	90.9	91.3 93.3	91.5 93.6	91.7 93.9		91.8 93.9			91.8	91.8	91.8	91.9	,	91.9 94.0	
≥ 2500 ≥ 2000	91.1 91.8	93.8 94.6	94.2 95.0	,		94.9	94.9		95.0		95.1	95.1 96.0	95.1		95.1 96.1	95.1 96.1
≥ 1800 ≥ 1500	92.1 92.7	94.9 96.0			96.1 97.3			96.3 97.5						,		-
≥ 1200 ≥ 1000	93.2 93.4	96.6 97.0	97.2 97.5		98.¢			98.3 98.7				98.4 98.9	98.4 98.9	,	98.4 98.9	
≥ 900 ≥ 800	93.4 93.4	97.0 97.1	97•5 97•7	98.0 98.2	93•4 98•7						98.9 99.2			1	98.9 99.2	
≥ 700 ≥ 600	93.5 93.5	97.2 97.2	97.8 97.8		98•9 98•9			99.3		99.4	99.4	99.4	99.5		99.5	99.5
≥ 500 ≥ 400	93.5 93.5	97.2 97.2			99.0 99.1		99.3		99.5	99.7 99.8		99.7	99.d	99.8	99.8	
≥ 300 ≥ 200	93.5 93.5	97.2 97.2	97.9 97.9	1	99•1 99•1		99.4			99.8 99.8				100.0		
≥ 100 ≥ 0	93.5 93.5	97.2 97.2	97.9 97.9			99.2 99.2	99.4 99.4			99.8 99.8						100.0

TOTAL NUMBER OF OBSERVATIONS_

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38,40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1800=2000.

CEILING							VISIBII	UTAT2) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.6 77.3	67.5 78.8		67.7 78.9	67.7 78.9	67.7 78.9	67.7 78.9	67.7 78.9	67.7 78.9		67.7 78.9				67.7 78.9	67.7 78.9
≥ 18000 ≥ 16000	77.6 78.0	79.1 79.5	79 • 2 79 • 6	79.3 79.7	79.3 79.7	79.3 79.7	79.3 79.7	79.3 79.7	79.3 79.7	79.3 79.7	79.3 79.7	79.3 79.7		79.3 79.7	79.3 79.7	79.3 79.7
≥ 14000 ≥ 12000	79.2 80.9			81.0 82.9		81.0 83.0	81.0 83.0	81.0 83.0	81.0 83.0	83.0		83.0	93.0	81.0 83.0	61.0 83.0	81.0 83.0
≥ 10000 ≥ 9000	83.4	85.5 86.3		86.5	85.8 86.7		85.8 86.7	86.7	85.8 86.7	86.7	86.7	85.8 85.7	86.7	35.8 86.7	85.8 96.7	85.8 86.7
≥ 8000 ≥ 7000	85.2 85.7	87.6 88.2		87.8 88.4			86.0 88.6		88.0 88.6	88.6	88.6	88.0 88.6	88.6	88.0 88.6	88.5	88.0 88.6
≥ 6000 ≥ 5000	86.0 87.0	88.6 89.6			90.2	89.1 90.2	89.1 90.2	89.2 90.3	89.2 90.3	89.2 90.3	89.2 90.3	89.2 90.3	89.2 90.3	89.2 90.3	89.2 90.3	89.2 90.3
≥ 4500 ≥ 4000	87.9 88.8	90.5 91.8	92.0		91.1 92.4	91.1 92.5	91.1 92.5	91.2 92.5	91.2 92.5	91.2 92.5	91.2 92.5	91.2 92.5		91.2 92.5	91.2 92.5	91.2 92.5
≥ 3500 ≥ 3000	89.3 90.3	92.2 93.4	92.6 93.8	92.8 94.1	93.0 94.3		93.1 94.4	93•1 94•4	93 • 1 94 • 4	93.1 94.5	93.1 94.5	93.1 94.5	93.2 94.5	93.2 94.5	93.2 94.5	93.2 94.5
≥ 2500 ≥ 2000	90.9	94.1 94.7	94.6 95.2	95.0 95.6	95.3 95.9		95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.2	95.4 96.2	95.4 96.2	95.5 96.2	95.5 96.2	95.5 96.2	95.5 96.2
≥ 1800 ≥ 1500	91.5 91.9	95.0 95.6	95.5 96.1	96.0 96.6	96.3 96.9		96.5 97.1	96.5 97.2	96 • 5 97 • 2	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	96.6 97.3	
≥ 1200 ≥ 1000	92 • 1 92 • 4	96.1 96.5	96.7 97.3		97.7 98.2	98.3	97.9 98.4		98•0 98•5	98.0 98.6		98.0 98.6		98.0 98.6		
≥ 900 ≥ 800	92 • 4 92 • 4	96.6	97•3 97•4	97.9 98.0	98•3 98•4		98.5 98.7		98 • 6 98 • 8	98.7 98.9	98.7 98.9		98.9	98.7 98.9		98.7 98.9
≥ 700 ≥ 600	92.5 92.5	96.8 96.8	97.6 97.7	98.3 98.5	98.7 98.9		99.0 99.2		99•1 99•3		99.5	99.3 99.5	99.5		99.5	99•3 99•5
≥ 500 ≥ 400	92 • 5 92 • 5	96.8 96.8	97.7 97.7	98•5 93•5	98•9 98•9		99.2 99.3	99.4			99.6		99.7		99.7	99•5 99•7
≥ 300 ≥ 200	92.5 92.5	96.8 96.9	97.7 97.8		98•9 99•0		99.3	99.6	99•4 99•6	99.8	99.9		99.9	99.7 99.9	99.9	99.9
≥ 100 ≥ 0	92.5 92.5	97.0 97.0	97.8 97.8		99.1	99.2	99.5 99.5		99•6 99•6		99.9	99.9	100 • 0 100 • 0	100 • 0 100 • 0	100•0 100•0	100.0 100.0

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN, ANTONIU 38,40-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_2100=2300.

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ï	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CE:LING ≥ 20000	72.4 77.7		79.1		73.7 79.2		73.7 79.2	73.7 79.2	73.7 79.2	73.7 79.2	73.7 79.2	73.7 79.2	73.7 79.2	73.7 79.2	73.7 79.2	73.7 79.2
≥ 18000 ≥ 16000	77.9 78.2	79.3 79.6	79.7	79.7	79.4 79.8	79.8			79.4 79.8	79.4 79.8	79.4 79.8	79.4 79.2	79.4 79.8	79.4 79.8	79.4 79.8	79.4 79.8
≥ 14000 ≥ 12000	79.4 80.6		81.1 82.4		81.2 82.5	82.5	81.2 92.5	81.2 82.5	81.2 P2.5	81.2 82.5	81.2 82.5	81.2 82.5	81.2 82.5	81.2 82.5	81.2 82.5	81.2 82.5
≥ 10000 ≥ 9000	81.7	84,3	84.4	84.5	83.9	84.6	84.0	84.0 84.6	84.0 84.6	84.6	84.0 84.6	84.6	84.0 84.6	84.6	84.0 84.6	84.6
≥ 8000 ≥ 7000	83.1	35.7 96.3	85.9 86.4	86.5	86.0 86.7	86.7	86.1 86.7	86.1 86.7	86•1 86•7	86.1 86.7	86.1 86.7	86.1 86.7	86.1 86.7	86.1 86.7	86.1	86.7
≥ 6000 ≥ 5000	84.1 85.0		86.9 87.9	88.1	87.3 88.4		87.3 88.4	87.3	87.3 88.4	87.3 89.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	87.3 88.4	88.4
≥ 4500 ≥ 4000	85.4	88.2	88.4	89.4		89.6			88.9 89.6			88.9 69.7	88.9 89.7	88.9 89.7	88,9 89.7	89.7
≥ 3500 ≥ 3000	86.4	89.8			90.0 90.5	90.5		90.0 90.5	90•0 90•5	90.0 90.5			90.1 90.6		90.1 90.6	
≥ 2500 ≥ 2000	87.3	90.4	90.6 91.8		91.1 92.3		92.4	91 · i 92 • 4	91•1 92•4			92.4	91.2 92.5		91.2 92.5	92.5
≥ 1800 ≥ 1500	88.6		93.2		92.6 93.7	93.8				92.8 94.0	94.0	92.8	92.9 94.1		92.9 94.1	92.9 94.1
≥ 1200 ≥ 1000	90.6	94.3 95.5	94.6	94.9 96.1	95.2 96.5					96.8	96.8		95.5 96.9			
≥ 900 ≥ 800	91.5	95.8 96.3	96.2	96.4 96.9	96.8	97.5			97.6			97.8		97.9		97.9
≥ 700 ≥ 600	92.0 92.1	96.6 96.8	97.0 97.2	97.2 97.5	97.7	98.0	98.2	98.3	98.3	98.4				98.6	98.2 98.6	98.6
≥ 500 ≥ 400	92.2	97.0 97.3	97.5	97.8 98.1	98•4 98•7	98.8	98.6	99.2	98.8	99.0 99.4	99.4	99.4	99.1 99.5			
≥ 300 ≥ 200	92.3	97.3 97.5	97.8 98.0		98.8 98.9	99.0				99.7	99.8	99.9	99.9	99.9	99.7 99.9	99.9
≥ 0 ≥ 0	92.4 92.4	97.5 97.5	98.0 98.0		99.0 99.0					99.8 99.8			100.0	100•0 100•0	100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC $\frac{\text{form}}{\text{JUCAL}}$ 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIL 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥1½	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	59.3 61.9	61.7 64.5	61.9 64.7	62.0 64.8	62.0 64.8	52.0 64.8	52.1 64.8	62 • 1 64 • P	62.1 64.8	62.1	62.1	62.1	62.2 64.9	62.2 64.9	62.2 55.0	65.1
> 18000 ≥ 16000	62.1 62.5	64.7 65.1	64.9 65.3	65.0 65.4	65.0 65.4	65.0 65.4	65.1 65.5	65.1 65.5	65.1 65.5	65.1 65.5	65.1 65.5	65.1 65.5	65.2 65.5	65.2 65.5	65.2 65.6	
≥ 14000 ≥ 12000	63.7	65.7			66.7	66.7	66.0	66.7	66.7	66.1		66.1	66.1 56.8	66.1 66.8	66.2	67.0
≥ 10000 ≥ 9000	64.5	67.3	67.7	67.8	67.6	67.7 67.9	67.7 67.9			67.7 67.9		67.7 67.9	67.8 68.0	68.0	67.8 68.2	68.1
≥ 8000 ≥ 7000	65.8	68.3	69.0			69.2	68.7	68.7 69.2	68.7 69.2	68.7 69.2	66.7 69.2	68.7 69.2	66.8 69.3	69.3	69.3	69.4
≥ 6000 ≥ 5000	66.6 67.7 68.4	59.7 71.1	71.3	70.0 71.6	70.0	70.1 71.6	70.1 71.6	70.1 71.5	70.1 71.6	70.1	70.1 71.7	70.1 71.7	70.2 71.7	70.2 71.7	70.2 71.8	
≥ 4500 ≥ 4000	69.1	72.8 72.8			72.5 73.2 73.9	72.5 73.3	72.5	72.5 73.3	72.5	72.5	72.5	72.5	72.6	73.4	72.6	72.7 73.5
≥ 3500	70.4	74.3 75.5		73.8 74.8 76.0		73.9 74.8 76.1	73.9 74.9 76.1				74.9		74.1 75.0	74.1 75.0	74.1 75.1	74.2 75.2 76.4
≥ 2500 ≥ 2000	73.0	77.3	1		77.9			76.1 78.0 78.4	76.1 78.0 78.4	76.2 78.1 78.5	78.1	76.2 78.1 78.5	76.2 78.1 78.6	76.2 78.1 78.6	76.3 78.2 78.6	78.3
≥ 1800 ≥ 1500 ≥ 1200	75.5	80.4	80.8 85.2		81.2		81.2		81.2 85.7	81.3 85.8	78.5 81.3 85.8	81.3 85.8		81.4 85.9		81.5
≥ 1000	81.6	87.6 89.0		88.5	88.6	-		-		88.8 90.2			-		88.9	89.1
≥ 860	84.1	90.7	91.3	91.7	91.9		92.0			92.1	92.1	92.1	92.2	-	92.2	
≥ 600	86.4	93.9	94.7	95.2				95.8				95.9		96.1	96.1 97.5	96.2 97.6
≥ 400	87.2 87.4	95.3 95.8	96.4	97.1	97.5 98.0		97.8 98.4		97.9		98.1	99.1	98.2 98.8		98.2 98.9	98.4
≥ 200	87.5	96.0	97.1	97.8	98.3	98.4		98.9	98.9		99.1	99.1	99.2	99.2	99.3	99.4
<u> </u>	87.5	96.0			98.4		98.9						99.6			100.0

TOTAL NUMBER OF OBSERVATIONS.

USAFETAC JUL64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 25-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0300-0500

CEILING						_	VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.8 50.8	52.4 54.4	53.3 55.3	53.6 55.6	54.0 56.1	54.0 56.1		54.2 55.2	54.2 56.3		54.5 56.5	54.5 56.5				54.9 57.0
≥ 18000 ≥ 16000	50.9 51.1	54.6 54.9	• •	55.8 56.1	56.2 56.6	56.2 56.6		56.4 56.7	56.4 56.8			56.6 57.0	56.8 57.2	56.8 57.2	56.9 57.2	57.1 57.5
≥ 14000 ≥ 12000	51.6 52.6	55.4 56.4	57.3		58.1		57.1 55.2	57.2 58.2	57.3 58.3	57.4 59.5	57.5 58.5	57.5 59.5	57.7 58.7	57.7 58.7	57.7 58.7	58.0 59.0
≥ 10000 ≥ 9000	53.2 53.5		58.3	58.2 58.7	58.6 59.1	59.1	56.7 59.2	58.8 59.2	58.8 59.3	59.0 59.4	59.1 59.5	59.1 59.5	59.2 59.7	59.2 59.7	59.3 59.7	59.5 60.0
≥ 8000 ≥ 7000	54.0 54.6	58.7	59.6	59.3 60.0	59.7 60.4	59.7 60.4	59.8 60.5	59.9 60.4	59.9 60.6	•	60.1 60.8	60.1 60.0	60.3 61.0	60.3	60.4 61.1	60.6
≥ 6000 ≥ 5000	55.4 56.2	59.6 60.8		61.0	61.4 62.7	61.5 62.7	41.5 42.8	61.5	61.6 62.9	1	61.9 63.2	61.9 63.2	62.0 63.3	62.0 63.3	62.1 63.4	63.6
≥ 4500 ≥ 4000	56.7 57.5	61.6	62.6 63.6	63.1 64.1	63.5	63.6 64.6	63.6 64.7	63.7	63.7 64.8		64.0 65.0	64.0 65.0	64.1 65.2	64.1	64.2 65.3	
≥ 3500 ≥ 3000	58.1 58.7	63.2	64.4 65.0	64.9 65.6	65.3	65.4 66.1	65.5	65.5	65.6 66.3	• .	65.8 66.5	65.8 66.5	66.0 66.7	66.0 66.7	66.7	
≥ 2500 ≥ 2000	60.2 61.8	65.6 67.6	66.8 68.8	67.4 69.5	67.9 69.9			68.1 70.2	68.2 70.3		68.4	68.4	63.6 70.7	68.6		68.9 71.0
≥ 1800 ≥ 1500	62.5 64.7	68.4	69.6 72.4	70.3 73.1	70.7 73.6	70.8 73.8	71.0 73.9		71.1 74.1		71.4 74.3		71.5	71.5 74.5		71.8 74.8
≥ 1200 ≥ 1000	68.1 70.0	75.4 78.1	76.8 79.6	77.5 80.5	78.0 81.1	78.2 81.2	78.4 31.5	78.5 81.5	78.6 81.6	1		78.8 81.9	79.0 82.1	79.0 82.1	79.1 82.1	79•3 82•4
≥ 900 ≥ 800	71.3 72.7	79.8 81.7	81.3 83.3	82.3 84.4	82.9 85.1	83.2 85.4	83.5 85.7	85.8	83.6 85.9			83.9 86.1	84.1 86.3	84 • 1 86 • 4	84.2 26.4	84.4
≥ 700 ≥ 600	73.8	83.5 84.9		86.5	87•2 88•7		87.8 89,3	87.5		88.2 89.8		88·3 89·9		88.5 90.2		88.8 90.5
≥ 500 ≥ 400	75.3 75.8	86,2 87,2		89.8 91.4	90.8 92.6		91.6 93.5		91.9 93.9		92·2 94·3	92·2 94·3	92.4 94.5	92.5 94.6	92.5 94.6	_
≥ 300 ≥ 200	76.0 76.1	87.8 88.1	90.6 91.0	92.5 92.9	93.9	1	95.2 95.9	95.4 96.3	95.6 96.4		96·2 97·3	96•2 97•3		96.5 97.8	96.6 97.8	96.9 98.2
≥ 100 ≥ 0	76.1 76.1	88.1	91.0 91.0	93.0 93.0	94.6 94.6				96.7 96.7	97.4	97.9		98.3			

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911

RANDOLPH AFB TEXAS/SAN ANTONIL

38-74

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800.

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 1,	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ c
NO CEILING ≥ 20000	38.0 40.8	42.7 46.0	44.1 47.6	44.8 48.6	49.2		46.2 50.3	-	46.6 50.3	46.8 50.5	46.8 50.6	46.8 50.5	50.8	50.8	47.3 51.1	47.7 51.4
≥ 18000 ≥ 16000	40.9 41.1	46.2 46.6		48.7 49.1	49.4 49.8	50.0	50.5	50.8	50.5 50.9	50.7 51.1	50.7 51.1	50.7 51.1	50.9 51.3	51.4	51.2 51.6	51.6 52.0
≥ 14000 ≥ 12000	41.5 42.8	47.3 48.7	50.3	51.3		52.2	51.3 52.8	53.7	51.6 53.1	51.9 53.3		51.9 53.4	52.1 53.6	52.1 53.6	52.4 53.9	52.8 54.2
≥ 10000 ≥ 9000	43.5 43.9	49.5 50.0				53.6			54.0 54.5	54.2 54.7		54.3 54.9		55.1	54.8 55.4	55.8
≥ 3000 ≥ 7000	44.5	50.7 51.4	53.1	53.4 54.2	54.0 54.9		54.9 55.7	55,9		55.4 56.2	56.4	55.5 56.4	55.7 56.6		56.0 56.8	57.3
≥ 6000 ≥ 5000	46.1 47.1	52.6 53.9	55.7				57.1 58.6		58.9		59.3	57.8 59.3	59.5	59.5	58.2 59.8	60.2
≥ 4500 ≥ 4000 ≥ 3500	47.4 48.3	54.3 55.2 56.4			59.2	58.4 59.4	50.0	60.3		60.6	60.8	60.0	60.0	61.0	60.3 61.3	61.7
≥ 3500 ≥ 3000 ≥ 2500	50.2 51.5	57.3 59.0	59.2					62.5	62.7	63.0	63.1			63.4	63.6	64.1
≥ 1800	52.8 53.6	60.7	62.8	64.3	65.3	65.5	56.3 67.3	66.7	66.8	67.1	67.2	67.3		67.5		68.2
≥ 1500 ≥ 1200		63.8	66.0	67.6	68.7	69.1	59.9	70.3	70.4	70.7		70.9	71.1	71.2		71.9
≥ 1000	59.1 60.1	69.1 70.9		73.8	75.0	75.6	76.5 78.7	77.1		77.5	77.7	77.7		78.0	78.3	78.8
≥ 800	61.5 62.3	73.2		78.5	80.0		81.6 83.6	82.2		82.8	82.9	82.9		83.2	83.6 85.6	84.1
≥ 600	62.9	77.3	81.1			87.4	86.0 88.5	86.5 89.4	86.8 89.5	90.2	90.4	90.5	87.9 90.9	90.9	88.2 91.3	91.8
≥ 400	63.8	77,9	82.7	85.5	88.9	90.0	91.8		93.1		94.6		95.2	95.4	93.5 95.7	
≥ 200	63.8	78.5	82.8	86.5	89.3	90.5	92.4	93.8	94+0	95.1 95.4	95.9		96.9	97.2		
≥ 0	63.8	78.5	82.8	86.5	89.3	90.5	92.4	93.8	94.0	95.4	95.9	96.1	97.0	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

3425

USAF ETAC 101.64 0-14.5 (OLA) MEMOUS EDITIONS OF THIS FORM ARE OBSOLUTE

CEILING VERSUS VISIBILITY

0

RANDOLPH AFB TEXAS/SAR ANTONIU

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0900=1100

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1½	≥1%	۱ ج	≥ ¾	≥ ¾	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.6 50.2		49.7 55.0	49.9 55.2	49.9 55.2	49.9 55.3	50.0 55.3		50.0 55.3	50.0 55.3		50 • 1 55 • 4	50.1 55.4	50.1 55.4	50.1 55.4	50.1 55.4
≥ 18000 ≥ 16000	50.0 50.9	55.1	55.4 55.7	55.5 55.8	55.6 55.9		55.0	56.0	55.7 56.0	55.7 56.0		55.8 56.1	55.8 56.1	55.8 56.1	55.8 56.1	56.1
≥ 14000 ≥ 12000	51.7 53.1	56.5 57.5	58.1			56.7 58.3	52.4	58.4	56.8 58.4	56.8 59.4		56.9 58.5	56.9 58.5			58.5
≥ 10000 ≥ 9000	54.2 54.8		60.0	60.2	60.3	60.3	Au.4	60.4	59.7 60.4	60.4	59.7 60.4	59.8 63.4	59.8 60.4	60.4	60.5	62.5
≥ 8000 ≥ 7000	55.6 56.3	61.1	61.7	61.9	62.0	62.0	52.1	62.1	61.2	62.1	62.1	61.3 62.1	62.1	62.1	62.2	62.2
≥ 6000 ≥ 5000	56.8 57.5	62.7		63.6	63.7	62.7 63.7	62.8	63.8	62.8 63.8	63.8		62.8 63.9	62.8 63.8	63.8	63.9	62.9
≥ 4500 ≥ 4000	58.0 59.3	64.8	65.6	65.8			46.1	66.1	64.4 66.1	64.4	66.1	66.4	64.4	64.4 66.1	64.5	64.5
≥ 3500 ≥ 3000	60.4	68.1	68.9		67.2 69.5	67.2 69.5	69.6	69.6	67.3 69.6	67.3 69.6	67.3 69.6	67.4 69.7	67.4 69.7	67.4 69.7	67.4	67.4
≥ 2500 ≥ 2000	65.4	75.8	72.3	72.7	72.9	73.0 77.7	73.1 77.8		73.1 77.8		73.1 77.8	73.1 77.9		73.1 77.9	73.2 77.9	77.9
≥ 1800 ≥ 1500	71.3	82.3	79.0 83.7			79.8 84.6		84.5	79.9 84.6	79.9 84.7	79.9 84.7	80•0 84•7	80.0 84.7	84.7	80.0 84.8	84.2
≥ 1200 ≥ 1000	78.2 80.2	86.3 89.1	87.8 90.8	88.4 91.5			92.1		88.9 92.2	89.0 92.2	89.0 92.2	89.0 92.3		92.3	89.1 92.3	
≥ 900	80.8	91.4	93.3		93.2 94.7	93.3	94.9	95.0		95.0		93.5 95.1	93.5 95.1	95.1	95.1	95.1
≥ 700 ≥ 600	81.7		94.6		95.6 96.4			96.8		96.9	97.c	97.0			97.1	
≥ 500 ≥ 400	82.1 82.2		95.3	96.6	_	97.2 97.7		98.2		98.7	98.9			99.0		99.1
≥ 300 ≥ 200	82.2 82.2	93.1	95.4 95.4	26.7			98.2	98.6		99.3	99.6	99.5 99.5				99.8
≥ 100	82.2		95.4 95.4			97.9 97.9						99.6 99.6		99.8 99.8		100.0

TOTAL NUMBER OF OBSERVATIONS_

USAFETAC 27.64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFR TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥ 11/3	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.6 61.7	56.9 63.4	57.1 63.6	57.1 63.6	57.1 63.6	57.1 63.6	57.1 43.6	57.1 63.4	57.1 63.6	57.1 63.6	57.1 63.6		57.1 63.6	57.1 63.6	57.1 63.6	57.1. 63.6
≥ 18000 ≥ 16000	62.2 62.2	63.9 63.9	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	64.1 54.1	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	54.1 64.1
≥ 14000 ≥ 12000	63.2 64.7	64.9 66.5	65.1 66.7	65.1 66.7	65.1 66.7	65.1 66.7	65.1	65.1 66.7	65.1 66.7	65.1 66.7	65.1 56.7	65.1 66.7	65.1 66.7	65.1 66.7	65.1 66.7	65.1
≥ 10000 ≥ 9000	65.9 66.5	67.8 68.4	68.1 68.7	68.1 68.7	68.1 68.7	68.1 68.7	66.1 68.7	68.1 68.7	68.1 68.7	68.1 68.7						
≥ 8000 ≥ 7000	67.3 68.1	69.2 70.2	69.5 70.6	69.5 70.6	69.5 70.6	69.5 70.6		69.5	69.5 70.6		69.5 70.6		69.5 70.6		64.5 70.5	69.5 70.6
≥ 6000 ≥ 5000	68.9 70.5			71.5 73.3	71.5 73.3		~ * *	71.5 73.4	71.5 73.4				71.5 73.4	71.5 73.4	71.5 73.4	71.5 73.4
≥ 4500 ≥ 4000	72.0 74.7	77.5			74.9 78.0	78.0	78.0	74.9 78.1	74.9 78.0	74.9 78.0	74.9 78.0	74.9 78.0	74.9 78.0	74.9 78.0	74.9 78.0	74.9 78.0
≥ 3500 ≥ 3000	78.0 82.0		85.4	85.5	81.4 85.5	85.6		81.4 85.6	81.4 85.6		81.4 85.6	81.4 85.6	81.4 85.6	81.4 85.6	81.4 85.6	61.4 85.6
≥ 2500 ≥ 2000	85.4 88.9	88.6 92.4	89.2 93.0	93.2	89.3 93.2	93.2	89.4 93.3	89.4 93.3	89.4 93.3	89.4 93.3	89.4 93.3	89.4 93.3	89.4 93.3	89.4 93.3	89.4 93.3	89.4 93.3
≥ 1800 ≥ 1500	39.7 91.0	93.4 95.1	94.1 95.9	94•3 96•1	94•3 96•2	94.4	94.4 96.3	94.4	94.4 96.3	94.4 96.3	94.4	94.4	94.4 96.3	94.4 96.3	94.4 96.3	94.4
≥ 1200 ≥ 1000	91.8 92.1	96.1 96.6						97•4 98•1	97•4 98•1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1
≥ 900 ≥ 800	92.2 92.3	96.7 96.9	97.6 97.8	98.1	98.1 98.2	98 • 1 98 • 3	93.2 98.4	98•2 58•4		98.3 98.5	98.3 98.5	98.3 98.5	98.3 98.5	98.3 98.5	98.3 98.5	
≥ 700 ≥ 600	92.3 92.5	97.0 97.1	97.9 98.1	98.3 98.5	98.5 98.7	98.5 98.8			98•7 99•0	96.7 99.0	98.7 99.0	98.7 99.0	98.7 99.0	98•7 99•0		
≥ 500 ≥ 400	92.5	97.2 97.3	98.2 98.3		98.9 99.2		99.4		99.3	99.4	99.4 99.7	99.7	99.4	99 • 4 99 • 7		99.4
≥ 300 ≥ 200	92.5	97.3 97.3	98 • 4 98 • 4	98.9	99.2	99.3	09.5	99•7 99•7	99•7 99•7						99.9 99.9	
≥ 100	92.5 92.5	97,3 97.3	98.4 98.4		99•2 99•2	99.3		99•7 99•7			99.9 99.9		99.9 99.9		100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS_

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	2 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'4	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	63.1 70.9	64.1 72.0		64.1 72.0				64.2 72.1		72.1	64.2 72.1			64.2 72.1		
≥ 16000 ≥ 16000	71.3 71.7		72.7	72.8	72.5 72.9	72.9	72.9			1	72.5 72.9		72.5 72.9		_	72.5
≥ 14000 ≥ 12000	72.9	75.9	75.9	76.0		76.0	76.0			76.0	76.0	76.0	74.3 76.0	75.0	76.0	
≥ 10000 ≥ 9000	76.3 76.9	77.6 78.2	78.2	78.3	77.8 78.4	79.4	78.4		78.4		78.4	78.4	77.8 78.4	78.4	78.4	
≥ 8000 ≥ 7000	78.2 79.1		80.9	81.0		81.1	79.7	81.1		79.7 81.1	81.1	79.7 81.1	81.1	لعلق	79.7 81.1	79.7 81.1
≥ 6000 ≥ 5000	80.0 82.3	81.8 84.3	84.5		82.2 84.7	84.7			82.2 84.7	82.2 84.7		82•2 84•7	82.2 84.7			82.2 94.7
≥ 4500 ≥ 4000	83.4	85.4 87.7			85.9 88.3	88.3		89.3	88.3	88.3			85.9 88.3	85.9 88.3		85.9 85.3
≥ 3500 ≥ 3900	87.3 89.4		89.9 92.2	92.4		92.5		90.2				-	90.2 92.6	-		90.2
≥ 2500 ≥ 2000	91.1 92.2	93.7 95.0			94.4		95.8	94.4 95.8					94.5 95.9		94.5 95.9	
≥ 1800 ≥ 1500	92.4 93.0	95.2 95.8		96.6		96.7	96.8	96.0 96.8		96.1 96.9	96.7	96.9	96.9	96.9	96.9	96.9
≥ 1200 ≥ 1000	93.4 93.6	96.3 96.7	97.2	97.6		97.7	98.0	98.0	98.0		98.1			97.6 98.1		97.6
≥ 900 ≥ 800	93.7 93.9		97.7	97.7 98.1		98.3	98.6	98.5	98.5	98.3 98.7	98.7	98.7		98.8	98.3	98.8
≥ 700 ≥ 609	94.0		97.9		98.6	98.6	79.0	99.0	99.0	98.9 99.1		98.9 99.1				
≥ 500 ≥ 400	94.2	97.4 97.4	•	98•6 98•7			99.4		99.5	99.6			99.5 99.6		99.5 99.6	
≥ 300 ≥ 200	94•2 94•2	97.4 97.4		98•7 98•7		99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8		99.9
≥ 100 ≥ 0	94.2	97.4 97.4		98.7 98.7						99.7 99.7						100.0

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OSSOCETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_18<u>00</u>_2000.

CEILING							VISIBI	LITY (STATU	LE WITER.]
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄3	≥ 2	≥ 11/3	≥1%	≥ 1	≥ 1/4	≥ 1/2	≥ '5	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	71.1 77.4	72.7 79.0		72.8 79.2				72.8 79.2			72.9 79.3	72.9 79.3			72.9 79.3	
≥ 16000 ≥ 16000	77.5 77.9	79.6	79.7	79.3 79.8				79.9	79.3 79.8		79.9	79.4	79.4 79.9	79.4 79.7	79.4 79.9	
≥ 14000 ≥ 12000	78.9 79.9	82.6 81.8	81.8	80.8 82.0	82.0	32.0	72.0	82.7	امرجع	0ء ٿ	82.0	8(• 9 82 • 1	80.9 82.0	80.9 82.0		82.0
≥ °0000 ≥ °0000	81.1 81.6	83.0 83.5	83.6	83.7	32.8		83.3	83.8	اعد 3_	305	83.8		83.3 83.8	83.3 87.8	83.6	83.8
≥ 6000 ≥ 7000	82.4 82.9	85.2	85.3		35.6	65.6	<u>6 بة ۾</u>	84.8 65.6			85.6	84.8 35.6				
≥ 6000 ≥ 5000	83.6 85.5	87.9	88.1		88.3	88.3	88.3	89.			86.2 95.4				86.2 88.4	
≥ 4500 ≥ 4000	85.2 87.3	89.8	39.9	90.1	-	90.2	90.2	2	50.2	90.2	99.1 90.2	20.2	94.2	90.2	89.1 90.2	
≥ 3500 ≥ 3000	88.4 89.4	92.2	92.4	92.6	92.6	92.5	92.7	91.4 92.7	92.7	92.7	96.7	92.7	92.7	92.7		91.5 92.7
≥ 2500 ≥ 2000	90.3 91.5		94.9	95.2	95.2	95.3	95.3	93.9							94.0 95.4	94.0
≥ 1800 ≥ 1500	91.6 92.3		95.9	96.1	96.2		96.3	95.5 96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200 ≥ 1000	93.0 93.6	97.1	96.7 97.5	97.8	97.9	98.0	98.0	97•2 98•0	98.1	98.2	98.2	99.2				97•3 98•2
≥ 900 ≥ 800	93.7 93.7	97.2	97.6	99.0	98.1	98.2	98.2	98•2 98•2	98.3	90.4	98.4	98.4	98.4 98.5	98.5	98.5	98.5
≥ 700 ≥ 600	93.8 93.8	97.5	97.7 97.9	98.4	98.6	98.7		98.R			98.7 98.9				98.7 99.0	
≥ 500 ≥ 400	93.9 93.9		98.1 98.2	98.7	18.9		99.0	99.1	99.2		99.2 99.3	99•2 99•3	. •	99.4	99.4	99.4
≥ 300 ≥ 200	94•0 94•0		98.2 98.3			99.2	99.2 99.3		99•2 99•4		99.5 99.7					99.6 99.9
≥ 100 ≥ 0	94.0		98.3 98.3			99.2		99•4 99•4								95.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 1010 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCASSING PRI CH USAF ETAC AIR WEATHER SERVICE/ TAC

CEILING VERSUS VISIBILITY

RAHDOLPH AFB TIXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	70.0 73.3	71.8 75.4		72.0 75.6	72.0 75.6	72.0 75.6					72.0 75.6	72.0 75.5	72.0 75.6		72.0 75.6	
≥ 18000 ≥ 16000	73.5 73.9		76.1	75.7 76.2	75.7 76.2	75.7		75.7 76.2		76.2	75.8 76.2	75.8 76.2	75.8 76.2	76.2	75.8 76.2	75.8 76.2
≥ 14000 ≥ 12000	74.7 75.3	76.8 77.5	77.5	77.6			77.6			77.7		77.7	77.0 77.7	77.7	77.7	
≥ 10000 ≥ 9000	76.2 76.4		78.7	78.8					78.5 78.8	78.9				78.9		78.9
≥ 7000 ≥ 7000	77.4 78.2 78.7	80.5	80.6	79.8		80.7		89.7	79.8 80.7	80.7	80.7	79.9		80.7	80.7	80.7
≥ 6000 ≥ 5000	80.0	82.4	82.5		82.7	81.2 82.7	P2.7	82.7		82.8	82.8	82.P	82.v	82.8	82.8	82.8
≥ 4500 ≥ 4000	80.5 81.4 82.1	84.0 84.9	84.2	83.3 34.4 85.2	83.3 84.4 85.2	83.4 04.4	84.4	83.4 84.4 85.3	83 • 4 84 • 4 85 • 3	84.4	83.4 84.4 85.3	83.4 84.4 85.3	83.4 84.4 85.3	84.4	84.4	
≥ 3500 ≥ 3000	83.2	86.1 86.8	86.2	86.4	86.4 87.2	86.5	P6.5	86.5 87.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	85.2	88.4	88.5	38.8 89.5		87.2 88.9 89.6	яв.9			89.0		87.3 89.0 89.7	87.3 89.0 89.7			89.0
≥ 1800 ≥ 1500 ≥ 1200	87.4 89.5		90.9	91.2	91.2	93.8	91.3			91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	91.1	95.1	95.3	95.6 96.1	95.6 96.2		95.7	95.7 96.2		95.8	95.9	95.9 96.4			95.9	95.9
≥ 900 ≥ 800 ≥ 700	92.4	96.2	96.6		97.0 97.5		97.1	97.1 97.6	97.1	97.2		97.2 97.7	97.2	,	97.7	97.2
≥ 600	92.6	97.1	97.5	97.8	97.9 98.4	97.9	98.0		98.0 98.7		98.1	98.1	98.1 98.8	98.1 98.8	98.1 98.8	98.1
≥ 500 ≥ 400	92.9	97.7	98.3		98.6 99.0	98.9	99.1	99.1	99.1	99.2	99.3	99.3		99.3	99.3	99.3
≥ 300 ≥ 200 ≥ 100	93.1	98.0	78.5	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7		99.7	99.8	99.8
≥ 0	93.1	98.0				99.2		99.5						99.8		100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911

RANDOLPH AFE TEXAS/SAN ANTONIO

38-74

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00<u>50</u>=0200

CEILING							VISIBIL	ITY (STATU	TE MILES)						-	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 115	≥11/4	≥ 1	≥%	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.3 55.4	54.9 57.3		55.7 58.2	56. U 5ს.4	56.0 58.4	1		56.2 58.6		56.3 58.8			56.3 58.8		56.3 58.8
≥ 18000 ≥ 16000	55.6 55.9		58.1 58.5	58.4 58.7	58.6 59.0	58.6 59.0		58.9 59.2		59.0 59.3	59.3	59.3	59.3	59.0 59.3		59.0 59.4
≥ 14000 ≥ 12000	56.3 57.0		58.9 59.5		59.4 60.1	59.4 60.1	60.2	59.6		59.7 60.4		60.4	60.4	59.7 60.4		59.8 60.5
≥ 10000 ≥ 9000	57.9 58.1	60.0	60.6				61.4	01.5		61.7	61.7	61.7	61.7		61.7	61.7
≥ 8000 ≥ 7000	58.6 59.7	61.8	61.3	62.7	63.0	61.9	63.1	62.1		63.3	52.2 63.3	63.3	63.3		63.3	
≥ 6000 ≥ 5000	60.5 62.2 63.3	64.7		65.6	65,9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2		66.2	64.2
≥ 4500 ≥ 4000 ≥ 3500		67.0	66.5 67.7 68.9	67.9	68.3	68.3	68.4	68.5	67.3 68.5 69.8	68.6	68.6	68.6	67.4 68.7 69.9	68.7	67,4 68.7 69.9	
≥ 3000	66.5	69.7	70.5				71.4	71.5		71.6	71.6	71.6	71.6		71.6	71.6
≥ 2000	69.7 70.3	73.4	74.1 74.8	74.5	74.9	74.9	75.1	75.2	75.2	75.3		75.3	75.3	75.3	75.3	75.4 76.0
≥ 1500	72.2 75.7	76.2	77.0	77.4	77.9		78.1	78.2	78.2	78.3		78.3	78.3	78.3	78.3	78.3
≥ 1000	77.3	82.7	83.7	84.3		84.8	85.0	85.2		85.3		85.3	85.4	85.4 86.9	85.4	85.4
≥ 800	79.6 80.2	85.6 86.5	37.0 88.0				88.5	88.7	88,7	88.8 90.1	88.9	88.9	88.9	88.9	88.9	88.9
≥ 600	80.9	88.8	90.5	91.5	92.6	91.0	92.2	91.6 93.5	93.5	93.6	93.8	91.9 93.8	91.9 93.8	93.8	91.9 93.8	11.9 93.8
≥ 400 ≥ 300	82.0	90.0	91.3	93.2	94.7	95.0	95.7	96.0	96.1	96.4	95.2 96.6	95.2 96.6	96.7		96.7	
≥ 100	82.1	90.0	92.0	93.6	95.2	95.4	96.4	97.0	97.1		98.0	98.1	98.3		98.4	98.8
≥ 3	82.1	90.0	92.0	93.6	95.2	95,5	96.5	97.1	97.2	97.8	98.1	98.2	98.4	98.4	98.8	اه.مود

TOTAL NUMBER OF ORSERVATIONS 331

USAF ETAC $^{\text{FORM}}_{\text{IC}}$ 0-14-5 (OLA) previous editions of this form are desolete

CEILING VERSUS VISIBILITY

0

RAMDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTAT2 ₎ YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥114	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.3 49.3	49.1 51.2	49.6 51.8	49.8 51.9	50.0 52.1	50.1 52.3	50.3 52.5	50.4 52.6	50.4 52.6	50.7 52.9		50.8 53.0	50.8 53.0	50.8 53.0		
≥ 18000 ≥ 16000	49.4	51.3 51.6	51.9 52.1	52.1 52.3	52.3 52.5	52.4 52.7	52.7 52.9	52.7 53.0	52.7 53.0	53.0 53.3	53.1 53.4	53.1 53.4	53.1 53.4	53.1 53.4	53.3 53.6	53.5 53.7
≥ 14000 ≥ 12000	50.0 50.7	51.9 52.7		52.¢ 53.4	52.8 53.6	53.7	53.2 54.0	53.3 54.∩	53.3 54.1	53.6 54.4	53.7 54.4	53.7 54.4	53.7 54.4	53.7 54.5	53.9 54.6	54.0 54.8
≥ 100C0 ≥ 9000	51.3	53.4 53.6	54.0 54.1	54.1 54.3	54.3 54.5	54.5 54.6	54.7 54.9	54.8 55.0	54.8 55.0	55.1 55.3	55.2 55.3	55.2 55.3	55.2 55.3	55.2 55.4	55.4 55.6	55.6 55.7
≥ 8000 ≥ 7000	52.2 53.0	54.4 55.2		55.1 55.9	55.3 56.2	55.4 56.3	55,7 56.6	55.8 56.6		56.1 56.9	56.1 57.0	56.1 57.0	56.1 57.0	56.2 57.0	56.3 57.2	57.4
≥ 6000 ≥ 5000	53.6 55.0	55.9 57.4	56.5 58.1	58.3	56.9 58.6	57.0 58.7	57.2 59.0	57.3 59.0	57.3 59.1	57.6 59.4	57.7 59.4	57.7 59.4	57.7 59.4	57.7 59.5	57.9 59.6	58 • 1 59 • 8
≥ 4500 ≥ 4000	56.2 57.2				60.0	61.3	60.4	60.5 61.6	60.5 61.6	60.8 61.9		60.8 62.1	60.8 62.0	60.9 62.0	61.1 62.2	61.2
≥ 3500	58.2 60.0	61.0	61.8		62.4			62.8 65.0	65.0		63.2	63.2 65.3	63.2 65.3	63.3	63.4 65.5	65.7
≥ 2500	61.4	64.8	65.7 68.1	66.2 68.6				59.4	66.9 69.4	67.2 69.7		67.3 69.7	69.7	67.3 69.8	70.0	70-1
≥ 1800 ≥ 1500	63.9				72.2							70.8 73.2	70.8	73.3	71.0	73.6
≥ 1200 ≥ 1000	68.8 70.4		78.2		79.4		77.4 80.0	80.1	77•4 80•1	80.5	80.5	77.8 80.5		80.6	78.1 80.8	
≥ 900 ≥ 800	71.5	79,8	81.5	82.3	81.3 82.9	83.0		83.8	83.8	84.2	34.2	82.4 84.2	84.3	82.5 84.3	82.7 84.5	84.7
≥ 700 ≥ 600	73.2	81.3 82.5	84.6		84.8	86.7	87.5	87.6		88.0	88.0		88.1	88.2	88.4	86.7
≥ 500 ≥ 400	74.7	83.5	87.0	88.7	86.0	90.3	89.1 91.3		91.6	92.1	92.1	89.9 92.1	92.2	92.3	92.5	92.7
≥ 300 ≥ 200	74.9	84.7	87.8		91.0 91.6	92.0		94.2			95.3	93.9 95.3			94.3	96.3
≥ 100 ≥ 0	74.9 74.9	84.8	87.9 87.9	89.8 89.8			93.8 93.8	94.4	94.5 94.6	95.4 95.5		95.8 95.9	96.3 96.5			

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC FORM O-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	UTATZ) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥%	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.4 42.8	41.5 45.3	42.4 46.3	42.7 46.8	43.0 47.1	43.1 47.2		43.2 47.4	43.2 47.4	43.4 47.5	43.6 47.8	43.6	43.7 47.9	43.7 47.9	43.8 48.1	44.1 48.4
≥ 18000 ≥ 16000	43.1 43.3	45.5 45.8	46.5 46.8	47.1 47.3	47.6	47.5	47.6 47.9	47.7 47.9	47.7 47.9	47.8 48.1	48.3 48.3	48.1 48.3	48.1	48.2 48.4	48.4 48.6	48.7
≥ 14000 ≥ 12000	43.7	46.3	47.3 48.2	47.8 48.7	48.1 49.1	48.2	48.4	48.4	48.4	46.6		48.8	48.) 49.8	49.0	49.1 50.1	49.4 50.4
≥ 10000 ≥ 9000	45.5 45.9	48.2 48.6	49.2		50.1 50.5	57.2 50.6	50.4 50.8	50.4 50.8		50.6 51.0		50.8 51.2	50.5 51.3	**		51.5 51.9
≥ 8000 ≥ 7000	46.8 47.8	49.6 50.6	50.6 51.7		51.0 52.6	51.7	51.9	51.9 52.9	51.9 52.9	52.0 53.1	52.2 53.3	52.3 53.3	52.4 53.4	52.5 53.5	52.6 53.7	· · ·
≥ 6000 ≥ 5000	48.9 50.1	51.8 53.2	52.9 54.5	53.5 55	53.9 55.6	54.0 55.7	54.2 55.9	54.2 55.9	54.2 55.9	54.4 56.1	54.6 56.3	54.6 56.2	54.7 56.4	54.8 56.5	55.0 56.7	55.3
≥ 4500 ≥ 4000	51.1 52.1	54.5 55.6	55.9 57.1		57.1 58.4	57.2 58.5	57.4 58.7	57.4 58.7	57.4 58.7	57.6 58.9	57.8 59.1	57.8 59.1	57.9 59.3	58.0 59.4	58.2 59.5	58.6 59.9
≥ 3500 ≥ 3000	53.2 54.7	56.9 58.8	58.5 60.4		59.8 61.9	59.9	60.1	60 • 2 62 • 2	60.2	60.4	60.6	60.6	60.7	60.8 62.9	61.0 63.1	i 1
≥ 2500 ≥ 2000	56.5 58.8	61.2	62.9	64.1 67.1	64.6 67.8	64.7 67.9	65.0 68.2	65.1 68.3	65.1	65.3 68.6	65.5 68.8	65.5 68.8	65.7 69.0	65.8 69.1	66.0	66.3 69.7
≥ 1800 ≥ 1500	59.4 61.1	64.8 67.2	66.7 69.2	67.9	68.6 71.2	68.7 71.4	69.1 71.8	69•1 71•8	69.2 71.9	69.4 72.1	69.6	69.6 72.4	69.9 72.6	70 • 0 72 • 7	70.2 72.9	
≥ 1200 ≥ 1300	63.4	70.1 72.0	72.1 74.3	73.5 75.9	74.5 77.0	74.7	75.2 77.7	75.3	75.3 78.0	75.6 78.2	75.8 78.5	75.9 78.5	76.1 78.8	76 • 2 78 • 9		76.8 79.5
≥ 900 ≥ 800	65.4	73.3 74.8	75.9 77.6		78.8 80.8	79.0 81.1	79.6 81.8	79.7 81.9		80.1 82.4		80.4 82.7	80.7 83.1	80.8 83.2	81.0	
≥ 700 ≥ 600	66.9 67.1	76.0 77.1	79.0		82.7 84.5	82.9 84.7	83.7 85.6	83.9 85.9	84.0 86.0	84.3		84.6 86.5	85.0 87.0		85.3 87.4	
≥ 500 ≥ 400	67.5 67.7				85.8 87.2		87.1				88.3 90.7	88.4 90.7		1		1
≥ 300 ≥ 200	67.8 67.8					88.6	90.9		91.0 91.5			92.5 93.4		93.3 94.6		94.2 95.8
≥ 100 ≥ 0	67.8 67.8	78.7 78.7	82.5 82.5		38.2 88.2	38.6 88.6	90,3 90,3		91.6 91.6	92.9 93.0	93.7 93.8	93.8 93.8		95.5 95.7		98•1 100•0

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFB TEXAS/SAN ANTONIU

18-74

NUV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0900=1100

CEILING							VISIBIL	ity (Statu	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.8 48.0	44.5 50.0	44.6 50.3	44.6 50.3		44.7 50.4	44.8 56.5	44.8				44.8 50.6		44.8 50.6	44.8 50.6	
≥ 18000 ≥ 16000	48.3	- 1	50.6 51.1	50.6 51.1		50.7 51.2	50.8 51.3				50.9 51.4	50.9 51.4	50.9 51.4	50.9 51.4	50.9 51.4	50.9 51.4
≥ 14000 ≥ 12000	49.2 50.1	51.2 52.2	51.5 52.5	51.6 52.6			51.7 52.8	51.7 52.8	51.8 52.8		51.8	1				
≥ 10000 ≥ 9000	51.1 51.5	53.3 53.7		53.6 54.1		53.7	53.8		53.9 54.3		53.9 54.3	53.9 54.3		53.9 54.3		53.9 54.4
≥ 8000 ≥ 7000	52.4 53.8	54.7 56.0	55.0 56.4				55.2 56.6		55.3 56.7		55.4 56.8	55.4 56.9		55.4 56.8		
≥ 6000 ≥ 5000	54.6 56.0		57.4	57.5	57.6	57.6		57.7	57.7 59.7	-	57.8 59.7	57.8 59.7		57.8 59.7	57.8 59.7	57.8 59.7
≥ 4500 ≥ 4000	57.0 58.2	• •		60.6 62.1		60.7			61.0 62.6					61.0 62.6		61.0
≥ 3500 ≥ 3000	59.5 61.7	62.6 65.1		63.4 66.1	63.6	63.6			63.9 66.6		63.9	63.9	63.9	63.9	63.9 66.6	
≥ 2500 ≥ 2000	63.7	67.7	58.3 71.9	68.6 72.4		68.9 72.8			69.2 73.1	69.2 73.2	69.2 73.2	69.2 73.2	69.2 73.2	69.2 73.2	69.2 73.2	69.2
≥ 1800 ≥ 1500	67.7 70.1	72.8 75.9	73.7 76.7	74 • 1 77 • 3	74.5 77.8	74.6 77.8					74.9 78.2	74.9 78.2		74.9 78.2		75.0 78.2
≥ 1200 ≥ 1000	72.7 74.4	82.0	83.4	81.1 84.3	81.8 85.0	81.8 85.0		82.2 85.5	82.2 85.6			82.2 85.7		82 • 2 85 • 7		82.3 85.7
≥ 900 ≥ 800	75.0 76.0	84.5	86.(85.5 87.3			86.7 88.8	86.9 89.1	87.0 89.1		87.1 89.3		87.1 89.3	87.1 89.3		87.1 89.3
≥ 700 ≥ 600	76.5 77.0		38.4	88.8 89.9	91.3		92.0		90.9		91.0			91 • 1 92 • 9		91.1 92.9
≥ 500 ≥ 400	77•2 77•3	87.4	89.5	91.6	93.5		94.9	95.6		96.3	94.7 96.4	96.4	96.5	96.5	96.6	94.8
≥ 300 ≥ 200	t	87,5	89.7	91.9	94.1	94.5	95.6	96.4 96.5	96.8	97.8	98.3	98.3	98.6		99.2	98.3
≥ 100 ≥ 0	77.3 77.3		89.7 89.7	91.9 91.9		94.5 94.5	95.5 95.6				98.3 98.3		_			99.8

OTAL NUMBER OF OBSERVATIONS _______3317

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EUTIONS OF THIS FORM ARE DISOLETE

CEILING VERSUS VISIBILITY

RAUDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		<u>-</u>					VISIBI	ITY (STATU	TE MILES;							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.8 57.0		51.4 57.7	51.5 57.8	51.6 57.9	51.6 57.9		51.6 57.9	51,6 57,9	51.6 57.9	51.6 57.9	51.6 57.9	51.6 57.9	51.6 57.9	51.6 57.9	
≥ 18000 ≥ 16000	57.3 57.8	57.8 58.4	58.0 58.5		58.2 58.7	58.2 58.7	58.2 58.7	58.2 58.7	58.2 58.7	58.2 58.7	58.2 58.7	58.7 58.7	58.2 58.7	58.2 58.7	58.2 58.7	58.2 58.7
≥ 14000 ≥ 12000	58.4 59.0		59.1 59.9		59.3 60.1	59.3 60.1	59.3 60.1	59.3 60.1	59.3 60.1	59.3 60.1	59.3 60.1	59.2 60.1	59.3 60.1	59.3 60.1	59.3 60.1	59.3
≥ 10000 ≥ 9000	60.1 60.7	60.9 61.5	61.0 61.6	61.7	61.2 61.9	61.2 61.9	61.2	61.2 51.9	61.2 61.9	61.2	61.2	61.2	61.2 61.9	61.2	61.2	61.2
≥ £000 ≥ 7000	61.6	62.5 63.5	62.7	62.9 63.9	64.0	63.0	63.0 64.0	63.0 64.0	64.0	63.0	63.0	64.0	64.0	63.0	63.0	64.0
≥ 6000 ≥ 5000	63.5	64.5 67.1	64.7	64.9 67.5	65.1	65.1 67.6		65.1 67.7	65.1 67.7	65.1 67.7	65.1 67.7	65.1 67.7	65.1 67.7	65 · 1	65.1 67.7	
≥ 4500 ≥ 4000	67.2 68.9	68.6 70.5	68.7 70.7		69.1 71.0	69.1 71.0	69.2 71.1	69.2 71.1	69.2 71.1	69.2 71.1	69.2 71.1	69.2 71.1	1.9.2 71.1	69.2 71.1	69.2	69.2 71.1
≥ 3500 ≥ 3000	70.8 73.9	72.5 75.8	72.6 76.0	72.9	73.0	73.0		73 • 1 76 • 4	73.1 76.4	73.1 76.4	73.1 76.4	73.1 76.4	73.1 76.4	73.1 76.4	73.1 76.4	
≥ 2500 ≥ 2000	78.0 81.6	80.3 84.3	80.6	80.8	81.0 85.1	81.0 85.1	81.0 85.2	81.1	31.1	81.1 85.2	81.1	81.1	81.1 85.2		31.1 55.2	
≥ 1600 ≥ 1500	83.2	86.1 88.1	86.5 88.5	86.7	86.9 89.0	86.9					87.1 89.2	87.1 89.2	87.1 89.2	87.1 89.2	87.1 89.2	87.1 89.2
≥ 1200 ≥ 1000	86.8 87.4	90.8 91.8		91.6		91.9	92.2				92.3 93.8	92.3 93.º	92.3 93.8		92.3 93.8	92.3
≥ 900 ≥ 800	87.6 89.0	92.2 93.0	-		93.8 94.8	- :		94·4 95·5					94.4			94.4
≥ 700 ≥ 600	88.2	93.5 93.8	94.3 94.8	93.5	95.4 96.1	95.5 96.1	96.8	96 • 3 97 • 0	96 • 3 97 • 0	96.4 97.1		96.4	96.4		96.4 97.2	96.4 97.2
≥ 500 ≥ 400	88.4	94.0			96.5 96.8	96.7			98.1 98.7	98.3		98.4	98.4	98.4	98.4	
≥ 300 ≥ 200	88.4		94.9		96.8 96.8	97.1		98.7	98.9	99.4	99.6	99.6 99.8	99.7	99.7		99.7
≥ 100 ≥ 0	88.4 88.4	94.0	94.9		96.8	97.1	98.2	98.8	98.9		99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			····				VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄1	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	54.6 64.5	55.1 65.4	55.2 65.5	55.2 65.6	55.3 65.7	55.3 65.7		55.3 65.7	55.3 65.7	55.4 65.8	55.4 65.8	55.4 65.8	55.4 65.8	55.4 65.8	55.4 65.8	55.4 65.8
≥ 18000 ≥ 16000	64.9 65.3	65.8	65,9 66,2	65.9 66.3	66.1	66.4		66.1 66.4	66.1	66.1 66.5	66.5	66.1 66.5	66.1 66.5	66.1 66.5	66.1 66.5	66.1
≥ 14000 ≥ 12000	66.1 67.4	67.0 68.3			67.3 68.6		68.6		67.3 68.6	67.4 68.7	68.7	68.7	67.4 68.7		68.7	68.7
≥ 10000 ≥ 9000	68.6	69.7 70.2		69.9 70.3	70.0	70.0 70.5			70.5		70.0 70.5	70.5	70.0 70.5	70.5	70.5	70.5
≥ 8000 ≥ 7000	69.9 71.3	71.1			71.5	71.6	71.6	73.1	73.1	73.2	73.2	73.2	71.6 73.2	73.2	73.2	73.2
≥ 6000 ≥ 5000	72.4	73.9 76.0	76.2	76.3		76.6	76.6	76.6	76.6	76.7	76.7	74 • 4 - 76 • 7		76.7	76.7	76.7
≥ 4500 ≥ 4000	76,1 78.1 79.8	77.7 80.1	80.3	80.4	80.7	80.7		80.B	78.4 80.8	80.8	80.8			80.8	80.8	
≥ 3500 ≥ 3000	82.2	82.0 84.7 87.7	84.9	82.4 85.1 88.2	85.4	85,5	82.7 85.5 88.6	85.5	82.8 85.5	85.6	85.6	85.6		85.6	85.6	85.6
≥ 2500 ≥ 2000	86.6	89.8	90.1	90.4	90.8	90.9	91.0	91.1	88.7 91.1 91.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800 ≥ 1500 ≥ 1200	87.8		91.9	92.2		92.7	92.9		93.0	93.1	93.1	93.1	91.6 93.1 94.8	93.1	93.1	93.1
≥ 1000	89.3	93.6	94.2		95.2	95.4	95.7	95.8	95.8		95.9	95.9	95.9	95.9	95.9	
≥ 900 ≥ 800 ≥ 700	89.6	94.1	94.8		95.9			96.7	96.7	96.8 97.3	96.8	96.8	96.8 97.3	96.8	96.8	96.8
≥ 600	89.8	94.5	95.4	95.9	96.8	97.0	97.4	97.8	97.8 98.4	97.9	97.9	97.9	97.9 98.6		97.9	97.9
≥ 400 ≥ 300	89.8		95.6	96.3	97.4	97.6	54.2	98.8	98.8	99.0	99.1	99.1	99.1 99.6	99.1	99.1	99.2
≥ 200	89.8		95.6	96.3	97.4	97.7		99.0		99.5	99,7	99.7	99.8	99.B	99.8 100.0	99.9
≥ 0	89.8														100.0	

USAF ETAC FORM DIL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIU 38-74

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE **FROM HOURLY OBSERVATIONS)**

CEILING							VISIBIL	ITY (STATU	(F MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21⁄3	≥ 2	≥ 11/3	≥ 1%	21	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.4 67.6		61.2 68.7	61.3 68.7	61.3 68.7	61.3 68.7	61.4 68.9	61.4	51.4 68.9	61.4 68.9		61.4	61.4 68.9	61.4 68.9	61.4 68.9	61.4 68.9
≥ 18000 ≥ 16000		69.4	69.2 69.6	69.6		69.2 69.7	69.8	69.3	69.8	69.4 69.8	69.4 69.8		69.8	69.4 69.8		69.8
≥ 14000 ≥ 12000		71.0		71.2	70.3	70.3	70.4	70.4	70.4	71.4	70.4	70.4	70.4 71.4	70.4 71.4	71.4	
≥ 16000 ≥ 9000	71.0	72.6		72.8	72.4		72.5 73.0	72.5	73.0	72.5 73.0	72.5 72.0	72.5		72.5 73.0		
≥ 8000 ≥ 7000	71.9 72.6 73.6	73.2 74.0 75.1	73.4 74.2 75.3	74.2	73.5	73.5 74.3 75.4	73.6	73.6	73.6 74.4 75.6	74.4	73.6 74.4 75.6	73.6 74.4 75.6	74.4	74.4	74.4	74.4
≥ 6000 ≥ 5000 ≥ 4500	75.6 75.8	77.4	77.6 78.9		75.4 77.7 79.0	77.7	75.6 77.9 79.2	75.6 77.9 79.2	1	75.6 77.9 79.2	77.9	77.9		77.9		, ,
≥ 4500 ≥ 4000 ≥ 3500	78.7	80,8	81.1 83.4	81.1	81.	81.2	81.4	81.4	83.7	81.4 83.8	81.4 83.8	81.4	81.4	31.4	81.4	81.4
≥ 3000	32.0 83.8		85.0 87.2	85.1	85.2 87.4	85.2	85.3 87.6	85.3 87.6	85.3 87.0	85.4	85.4	85.4 87.7		85.4	85.4	
≥ 2000	85.7	89.1	89.6 90.2	89.7	89.9 90.7	89.9 90.7	90.1	90.1	90.1	90.1	90.1	90.1 91.0	90.1 91.0	90.1	90.1	90.1
≥ 1500	87.2 88.2	91.2	91.8		92.3 93.9	92.3	92.5	92.5 94.1	92.5	92.6		92.6	92.6	92.6	92.5	92.6
≥ 1000 -	88.7	93.4	94.4	94.7	94.9 95.1	94.9	95.1 95.5	95.2 95.5	95.2 95.5	95.6	95.3 95.6	95.3 95.6	95.6	95.3 95.0	95.3 95.6	
≥ 800	89.0	93.9	94.8	95.8	95.7	95.7 96.2	96.7	96.7	96.1 96.7	96.9	96.9	96.9	96.9	96.9	96.2 96.9	
> 60.) ≥ 500	89.3	94.4	95.4	96.3	96.9	96.9	97.0 97.4	97.6	97.0 97.6	97.8	97.8	97.2 97.8	97.8	97.8		
≥ 400	89.3	94.5	95.5 95.7	96.5	97.4		97.9	98.8	98 • 9 98 • 9		99.2	99.2	99.2		99.2	
≥ 200 ≥ 100 ≥ 0	89.3	94.6	95.7	96.8		97.6	98.5	99.0		99.3		99.3 99.5	99.5	99.5	99.6	99.3 99.6
	89.3	94.6	95.7	96.8	97.4	97.6	98,5	99.0	99.0	77.3	77.5	77.5	99,6	99.6	7701	100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC FORM O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¼	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.1 64.2	60.8 65.2	61.2 65.6	61.3 65.7	61.4	1	61.4 65.9	61.5 65.9		61.5 65.9		61.5	61.5 65.9		61.5 66.J	61.5
≥ 18000 ≥ 16000	64.5	65.5 65.9	65.9		66.5	66.1 66.5	66.1	66.2 66.6	66.2	66.2	1	66.2	66.2	66.2		66.6
≥ 14000 ≥ 12000	65.2	66.3	67.5			66.9 67.7	67.7				67.8	67.0 67.9		67.8	67.9	67.9
≥ 10000 ≥ 9000	66.7			68.3 68.7						68.6 69.0	69.0		68.6	69.0	69.1	
≥ 8000 ≥ 7000	67.7			70.9	71.0	71.0	71.1	69.8 71.1	69.8 71.1	69.9 71.2	71.2	69.9 71.2	69.9 71.2	71.2	70.0 71.2	71.2
≥ 5000 ≥ 5000	69.9				72.0			72.1 74.1			74.2	72.7 74.2		74.2	72.3 74.2	74.
≥ 4500 ≥ 4000	72.3		75.8	75.9		74.9 76.1		76.2	76.2		76.3	75.1 76.3		75.1 76.3	76.3	76.3
≥ 3500 ≥ 3000	74.6	78,5	79.0	79.2		79.3	79.4		79.5	77.8 79.5	79.5		77.8 79.5	79.5	79.6	79.6
≥ 2500 ≥ 2000	78.0 79.6	82.3	81.0 82.8	83.0	81.3 83.1	83.2	53.3	83.3	83.3	83.4	83.4	81.5 83.4	83.4	3.4	83.5	83.5
≥ 1800 ≥ 1500	80.4					85.8	86.0	86.1	86.1	86.1	86.1	86.1	84.4	86.1	84.4	86.2
≥ 1200 ≥ 1000	84•1 86•0		90.9	91.3		91.6	91.9	92.0	92.0	92.0	92.0		92.0	92.0	92.1	92.1
≥ 900 ≥ 800	86.9 87.4	91.5	93.0		93.1 94.0		93.4 94.3	94.4	94.4		94,5	93.5 94.5		94.5	93.5	94.5
≥ 700 ≥ 600	87.7 88.0			95.3		95.9	96.3	96.4	95.7 96.4	96.5	96.6	96.6		96,6	96.7	
≥ 500 ≥ 400	88.1 88.2		95.0	96.1	96.8	97.0		97.8		98.0	98.0		98.1	98.1	97.5 98.1	98.1
≥ 300 ≥ 200	88.2	94.1		96.3	97.3	97.4	98.2	98.5		98.9		99.1	99.1	99.1	99.2	99.2
≥ 100 ≥ 0	88.2 88.2		95.2 95.2				98•2 98•2				99.2 99.2			99.4 99.5		99.5

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC JUL 64 9-14 5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIU 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 1/9	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.8 53.1	51.4 54.9	51.5 55.1	51.9 55.6	52.2 55.8	52.3 55.9	52.4 56.1	52.4 56.1	52.4 56.1	52.7 56.3	52.8 56.4	52.P 56.4	52.9 56.5	52.9 56.5	53.0 56.6	53.3 56.9
≥ 18000 ≥ 16000	53.1 53.4	54.9 55.2	55.2 55.5			55.9 56.3		56.1 56.4	56.1 56.4	56.3 56.7	56.5 56.8	56.5 56.8	56.6 56.9	56.6 56.9	56.7 57.0	57.0 57.3
≥ 14000 ≥ 12000	54.2 54.9	56.0 56.8	56.3 57.0		57.0 57.8	57.1 57.8			57.3 56.0	57.5 58.2	57.6 58.4	57.6 58.4	57.7 58.5	57.7 58.5	57.8 58.6	58.2 58.9
≥ 10000 ≥ 9000	55.6 55.9	57.5 57.8	57.9 58.2	58.3 58.7	58.7 59.0			58.9 59.2	58.9 59.2	59.1 59.4	59.2 59.6	59.2 59.6	59.4 59.7	59.4 59.7		59.8
≥ 8000 ≥ 7000	56.3 57.3	59.5	58.8 59.9	60.3	59.6 60.6		63.9	59.8 60.9		60.0	60.1 61.2	60 • 1 61 • 2	60.3	60.3 61.4		60.7
≥ 6000 ≥ 5000	58.2 59.5	61,7		61.2 62.7	61.5 63.0		53.2			62.0 63.5	62.1 63.6	62.1 63.6	62.3 63.7			62.7
4500 ≥ 4000	60.5 61.5			63.7 65.0	64.0 65.3	64.1 65.4	64.2 65.5	64•2 65•5	64.2 65.5	64.5 65.8	64.6 65.9		64.8	64.8 66.1	54.9 56.1	65.2
≥ 3500 ≥ 3000	62.7 64.2	66.9		66.3 67.8		66.7 68.2	66.8 68.4	66.8 68.4		67.1 68.6		67.2 68.7	67.4 68.9			67.8
≥ 2500 ≥ 2000	65.7 67.7		69.1 71.5		70.1 72.6	70.1 72.6	70.3 72.8	70.3 72.8	70.3 72.8		70.7 73.2	70.7 73.2	70.8 73.3	70.8 73.3	70.9 73.4	71.3 73.7
≥ 1800 ≥ 1500	68.8 70.0				73.7 75.3			74.0 75.6	74.0 75.6		74.3 75.9	74.3 75.9	74.5 76.1	74.5 76.1	74.6 76.2	74.9 76.5
≥ 1200 ≥ 1000	72 • 1 73 • 8	76.6 79.1	77.3 79.9		78.6 81.3	81.3	78.9 31.6	78.9 81.6	78.9 81.6	79.1 81.8		79.2 82.0	79.4 82.1	79.4 82.1	79.5 82.2	79.8 82.5
≥ 900 ≥ 800	74.6 75.4	80.5 81.8	81.3 82.7		82.9 84.4		83.2 84.7	83.2 84.8	83.2 84.8	83.4 85.0	83.5 85.1		83.7 85.3	83.7 85.3	83.8 85.4	84.1 85.7
≥ 700 ≥ 600	76.1 76.8	82.9 84.2	83.9 85.3	85.0 86.4	86.0 87.5			86.4 88.1	86.4 88.1				87.0 88.7	87.0 88.7	87.0 88.7	87.4 89.1
≥ 500 ≥ 400	77.0 77.2	85.0 85.4	86.2 86.9	87.5 88.4	88.8		89.5	89.6 91.0	89.6 91.0			90.0 91.5	90 • 2 91 • 7	90 • 2 91 • 7	90.3 91.8	90.6 92.1
≥ 300 ≥ 200	77.2 77.2	85.6 85.7	87.3 87.3		90.9	91.3	92.2	92.5	92.6			93.2	93.5	93.5	93.6 95.5	94.0 95.9
≥ 100 ≥ 0	77.2 77.2	85.7 85.7	87.3		91.2 91.2	91.6 91.6	92.9		93.8	94.9	95•4 95•4	95.4	96.1 96.2			97.7 100.0

USAF ETAC "DI 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CE:LING ≥ 20000	45.4 47.8	47.3 49.8	47.6 50.4	47.8 50.6	48.2 51.0	48.2 51.0	48.3 51.0	48.4 51.1	48.4 51.1	48.6 51.4	48.6 51.4	48.6 51.4	48.9 51.7	48.9 51.7	49.0 51.7	49.5 52.3
≥ 18000 ≥ 15000	47.9 48.3			51.0	51.0 51.4	51.0 51.4	51.1 51.5	51.2 51.6	51.2 51.6	51.5 51.9	51.5 51.9	51.5 51.9	51.8 52.1	51.8 52.1	52.2	52.4 52.7
≥ 14000 ≥ 12000	49.2 49.8	51.5	51.7 52.5	51.9 52.7	52.3 53.1	52.3 53.1	52.4 53.2	52.5 53.3	52.5 53.3	52.8 53.6	52.8 53.6	52.8 53.6	53.0 53.8	53.8	53.9	53.7 54.5
≥ 10000 ≥ 9000	50.6 51.1	53.4	53.4 53.9	53.6 54.1	54.0 54.5	54.5	54.1 54.6	54.2 54.7	54•2 54•7	54.5 55.0		54.5 55.0	54.7 55.2	54.7 55.2	54.8 55.3	55.9
≥ 8000 ≥ 7000	51.5 52.3	54.0 54.8				55.1 56.0	55.2 56.1	55.3 56.2	55.3 56.2	55.6 56.5	55.6 56.5	55.6 56.5	55.8 56.7	55.8 56.7	55.9 56.8	57.4
≥ 6000 ≥ 5000	53.3 54.3	55.8 56.8			57.0 58.2			57•2 58•4	57.2 58.4	57.5 58.7	57.5 58.7	57.5 58.7	57.8 58.9	57.8 58.9	59.0	58.5 59.6
≥ 4500 ≥ 4000	55.0 56.1	58,9	58.2 59.6		59.0 60.3	59.0 60.3	60.4	59•1 60•5	59.1 60.5	59.4 60.8	59.4 60.8	59.4 60.8	59.7 61.0	59.7 61.0	59.7 61.1	61.8
≥ 3000	57.0 58.2	61.5			61.6	63.2	61.7 63.3		61.8		62.1 63.7	62.1 63.7	62.3	62.3 64.0	62.4	63.1
≥ 2500 ≥ 2000	60.3	66.4	64.6	67.7	65.6 68.3	58.3		65.8 68.5	65.9 68.5	66.2	66.2 68.8		66.4	66.4	66.5	67.2
≥ 1800 ≥ 1500	63.2	69.4	70.3	71.0		71.5	71.7	69.5 71.9			69.8 72.2	69.8 72.2	70.1 72.5	70.1	70.2	70.8
≥ 1200 ≥ 1000	67.4		73.6	76.5	74.9			75 • 2 77 • 6		75.5	75.5 77.9	75.5	75.6	75.8 78.2	78.3	76.5 79.0
≥ 900 ≥ 800	69.4 70.1	76.8		79.2		80.1		79.0 80.4		80.8	79.3 80.8	79.3 80.8	81.0	81.0		81.8
≥ 760 ≥ 600	70.7		81.2	82.4	81.6 83.5				82.0 84.1	82.3 84.4	82.3					
≥ 500 ≥ 400	71.7	80.4	82,6	84.3			86.7			86.1		87.5		87.9	88.1	88.7
≥ 300 ≥ 200	71.9	80.8	83.2	85.1	87.4	87.8	89.0		90.2	91.3	91.6	91.6	92.2	92.3	92.7	93.7
≥ 100	71.9		83.3	1								92 • 4 92 • 4				96•0 100•0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC TUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETA

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIG 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVAT!ONS)

0080-0800

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/6	≥1%	≥ 1	≥ 3,	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	39.6 43.6	1	43.0 47.5	43.2 47.7	43.5 48.1	43.6 48.1	43.7	43.8 48.4	43.8 48.4	43.9 48.6	43.9 48.6	43.9 48.6	44.0 48.7	44 • 1 48 • 8	44.2 48.9	49.4
≥ 18000 ≥ 16000	43.7	47.1 47,5	47.6 48.0	48.3	48.2		48.5 48.9	48.5 49.0	48.5 49.0	48.7	48.7 49.2	48.7	48.9 49.3	48.9	49.0 49.4	49.5
≥ 14000 ≥ 12000	44.6	49.5	48.6 50.0	50.3	49.2 50.6		49.5 50.9	49.6 51.0	49.6 51.0	49.8 51.2	49.8 51.2	49.8 51.2	49.9 51.3	50.0 51.4	50.1 51.5	50.6 52.0
≥ 10000 ≥ 9000	46.8 47.5	50.5 51.3	51.0 51.8	51.3 52.1	51.6 52.4	52.5	51.9 52.7	52.0 52.8	52.0 52.8	52.2 53.0	52.2 53.0	52.2 53.0	52.4 53.2	52.4 53.2	52.5 53.3	53.0 53.8
≥ 8000 ≥ 7000	48.1	52.0 52.8	52.5 53.3	52.8 53.6	53.2 53.9	53.2 54.0	53.5 54.2	53.6 54.4	53.6 54.4	53.8 54.6	53.8 54.6	53.8 54.6	53.9 54.7	54.0 54.8	54.9	54.6 55.4
≥ 6000 ≥ 5000	49.7 50.9	53.7 55.1	54.2 55.7	54.6 56.1	54.9 56.4		55.2 56.7	55.4 56.8	55.4 56.8	55.6 57.1	55.6 57.1	55.6 57.1	55.7 57.2	55.8 57.3	55.8 57.4	56.3 57.9
≥ 4500	51.6 52.3	55.9 56.9	56.5 57.5	56.8 57.9	57.2 58.3	57.3 58.4	57.5 58.6	57.6 58.7	57.6 58.7	57.9 59.0	57.9 59.0	57.9 59.0	58.0 59.1	58.1 59.2	58.2 59.3	58.7 59.8
≥ 3500 ≥ 3000	53.1 54.3 55.9	57,7 59,2	58.3 59.9	58.8 60.5	59.2	59.3 61.0	59.5 61.2	59.6 61.3	59.6 61.3	59.9 61.5	59.9 61.5	59.9 61.5	60.0	60.1	60.1	60.6
≥ 2500	57.9 58.8	61.2 63.6 64.6	62.0 64.5 65.6	62.6 65.2 66.4	63.1 65.7 66.8	63.1 65.7 66.9		63.5	63.5	63.7	66.4	65.4	63.9	63.9	66.7	67.2
≥ 1800 ≥ 1500 ≥ 1200	60.4	66.8	68.0	68.8	69.3		67.1 69.7 73.0	67.3 69.9 73.3	67.3 69.9	67.6 70.2 73.6	67.6 70.2	67.6 70.2	67.8 70.4	67.8 70.5 73.9	70.6	68.4 71.1 74.5
≥ 1000	64.2	71.8	73.3	74.4	75.1 76.3	75.2 76.5	75.7 77.0	76.0 77.3	76.0 77.3	76.3 77.7	73.6 76.3 77.7	73.6 76.3 77.7	73.8 76.5 77.9	76.6 78.0	74.0 76.7 78.1	77.2
≥ 800	65.3	73.7	75.5 76.8	76.8 78.1	77.7		78.5 80.2			79.3 81.1		79.4 81.2	79.6	79.6 81.5	79.8	80.3
≥ 600	66.1	75.5	77.8	79.3	80.7	81.0	81.8	82.2 83.9	82.3	82.8 84.7	82.9 84.8	83.0	83.2	83.2	83.4 85.3	83.9
≥ 500 ≥ 400 ≥ 300	66.4	76.6	79.1 79.7	81.0	83.2	83.7	85.1	85.6 87.4	85.7 87.6	86.6 88.9		86.9	85.1 87.3 89.6	85.2 87.4 89.8		
≥ 300 ≥ 200 ≥ 100	66.5	77.0	79.7	81.9	84.6	85.2			88.5	90.2	90.6		91.5	91.6	92.3	
≥ 0	66.5	77.0	-		84.6				88.6		91.1	91.1	92.6			100.0

USAF ETAC PAR 64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)				_			
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥I	≥ 3;	≥ 1.	≥ 1/3	≥ 5,16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	38.5 45.5	40.1 47.8	40.4 48.1					41.1 49.1		41.2 49.2	41.3 49.2	41.3 49.2	41.3	41.3 49.3	41.3 49.3	41.5
≥ 18000 ≥ '5000	45.7 46.1	48.1 48.5	48.4 48.8	48.9 49.3	49.2		49.3	49.3	49.4 49.8	49.4	49.5 49.9	49.5	49.5	49.5 50.0	49.5 50.0	49.7 50.1
≥ 14000 ≥ 12000	47.0 48.0	49.5 50.7	49.9 51.1	50.4 51.6	50.7 51.9		50.8 52.0	50.8 52.1	50.9 52.1	51.0 52.2	51.0 52.2	51.0 52.2	51.0 52.2	51.1 52.3	51.1 52.3	51.2 52.5
≥ 10000 ≥ 9000	49.1	51.9 52.5			53.1 53.8		53.2 53.9	53.3 54.1	53.3 54.0	53.4 54.1	53.5 54.1	53.5 54.1	53.5 54.1	53.5 54.2	53.5 54.2	54.4
≥ 8000 ≥ 7000	50.8 52.1	53.9 55.2		54.8 56.2	55.2 56.5		55.3 56.6		56.8	55.5 56.9	55.6 56.9		55.6 56.9	57.0		57.2
≥ 6000 ≥ 5000	53.2		58.5			59.5		59.6		58.0 59.7	59.8	58.1 59.8			59.9	60.1
≥ 4500 ≥ 4000		58.8 59.7	60.2	59.6 60.7	61.1	61.2		61.3	61.3	61.4		61.5		61.6	61.6	61.7
≥ 3500 ≥ 3000		62.1	62.8	63.4	63.8	63.8	63.9	62.2 64.0	64.0	64.1	64.	64.2	64.2	64.3	64.3	64.4
≥ 2500 ≥ 2000 ≥ 1800	-	64.2 67.0	68.0	65.6 68.7	69.3	69.3	69.4		69.6		66.5	62.7	69.7	69.8	59.8	70.0
≥ 1800 ≥ 1500 ≥ 1200	1	70.5	71.7	72.5	73.1 76.2	73.1	73.3	73.4	73.4	73.6		73.6	70.7 73.6 76.8	73.7	73.7	71.0 73.9 77.1
≥ 1000	68.5		77.5	78.4	79.8	79.3	79.5	79.6	79.7	79.8	79.9	79.9	79.9	80.0		80.2
≥ 700	69.3	77.9	79.6	80.6	81.6	81.8	82.1	82,3 84.6	82.4		82.8 85.2	82.A 85.2			93.0	83.2
≥ 600	70.0		81.8	83.6	• •	85,3	85.9	86.5	86.5	87.1 89.3	87.2	87.2		87.3	87.4	87.6
≥ 400	70.2		83.4	85.3	87.6	88.0	89.4	90.3	90.5	91.5	91.7	91.7		92.0	92.2	
≥ 200	70.2		83.6	85.7		88.8	90.8		92.8	94.5	95.1	95.2	95.8	96.1	96.6	97.0
≥ 0		80.7					90.8	72.2	92.8			95.5				100.0

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 101 MIL 64 0-14-5 (OL A) PREVIOUS CONTIONS OF THIS FORM APE OSSOCIETE

CEILING VERSUS VISIBILITY

RANDOLPH AFE TEXAS/SAN ANTONIO 38-74

DEC.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	UTATZ) YTI	TE MILES)							
(FEET)	≥ 10	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/5	≥1%	≥ 1	≥ 1/4	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.9 53.2	45.1 54.8	45.2 55.1	45.3 55.1	45.4 55.3					45.5 55.4	45.5 55.4		45.5 55.4	45.5 55.4	45.5 55.4	45.5 55.4
≥ 18000 ≥ 16000	53.7 54.1	55.4	55.6	55.7	55.8 56.3	55.8	55.9	55.9 56.4	55.9	55.9		55.9 56.4		55.9	55.9 56.4	55.9 56.4
≥ 14000 ≥ 12000	55.3 56.4	57.0 58.2							57.6 58.8	57.6 58.8	57.6 58.8			57.6 58.8		
≥ '0000 ≥ 9000	57.4 57.7		59.8	59.5 59.8	60.0	60.0	50.0	59.8 60.1		59.8 60.1	59.8 60.1	59.5 60.1	59.8 60.1		ا6 . لا 5 بلند 60ــــــــــــــــــــــــــــــــــــ	
≥ 8000 ≥ 7000	58.9 60.4	62.4	62.6	62.7		62.9	52.9	63.0	63.0		63.0		63.0	63.0		63.0
≥ 6000 ≥ 5000	61.3	65.0	65.3		65.6	65.6	65.6	65.6	65.6		65.6	65.6	65.6		65.6	65.6
≥ 4500 ≥ 4000	65.2	67.3	67.6	66.4	67.9	67.9		68.0	68.0		68.0	68.0	68.0	68.0	66.7	68.0
≥ 3500 ≥ 3000	66.3	70.8	71.2		71.5	71.5	71.5	71.6	69.2 71.6	71.6		69.2 71.6	71.6	71.6		71.6
≥ 2500 ≥ 2000	71.5 75.4 76.6	78.9	74.9 79.3 80.8	79.4		75.3 79.7	79.7	79.8		79.8		79.R	79.8			79.8
≥ 1800 ≥ 1500 ≥ 1200	78.4	83.1		83.7	81.2 83.9 86.8	81.2 63.9 86.8	84.0	84.1	84.1	84.1	81.4	84.1	84.1	81.4 84.1 87.1	81.4 84.1 87.1	81.4 84.1 87.1
≥ 1000	80.9	87.2		88.3		88.8	39.9	87.0 89.1 90.0	89.1	89.2			89.2	89.2	89.2	89.2
≥ 900 ≥ 800 ≥ 700	81.5	88.7	-			91.1	91.4		91.5	91.6	91.6		91.7	91.7	91.7	91.7
≥ 600	81.9 82.0	89,8	91.2	92.0	92.9	93.1	93.6	93.8	93.9	94.1		94.1	- Lel		94.2	94.2
≥ 400		90.2	91.8	92.9		94.6	95.5		96.0	96.6	96.6 98.1	96.6	96.6	96.8	96.8	
≥ 200		90,2	91.8	93.0	94.5	94.9	96.2	97.2	97.5	98.5	98.9	98.9	99.2	99.2	99.3	
≥ 0	82.0		91.8		94.5			97.2			99.2			99.6		100.0

TOTAL NUMBER OF OBSERVATIONS ____

USAF ETAC $^{\prime\text{CPM}}_{\rm PLS4} = 0.14-5$ (OLA) previous contions of this robin are obsolete

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1500-1700

LEILING							VISIBII	LITY (STATU	TF MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'⁄2	≥ 2	≥11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20003	49.0 50.1	49.8 61.2		49.9	50.0 61.3	50.0 61.3		50.0 61.3	50.0 61.3	50.0 61.3	50.0 61.3	50.0 61.3	50.0 61.3	50.0 61.3	50.0 61.3	50.0 61.3
≥ 18000 ≥ 16000	60.6 60.9			61.8 62.1	61.8	61.8 62.1	61.8	61.8 62.1	61.8 62.1	61.8 62.1	61.8	61.8 62.1	61.8	61.8	61.8	61.8
≥ 14000 ≥ 12000	62.3	64.9	63.5 65.0	63.5 65.0	65.0	63.6 65.0	65.0		65.0		63.6 65.0	63.6 65.0	63.6 65.0	65.0	63.6 65.0	65.0
≥ 10000	65.1	65.9	66.6	66.7	66.7	66.7		66.1		66.7	66.1 66.7	66.7	66.1 66.7	66.1 66.7	66.1	66.7
≥ 8000 ≥ 7000	67.5	67.6	67.7 59.2	67.8 69.3	67.8	67.8 69.4	69.4	67.8	69.4	67.8 69.4	67.68 69.4	67.8	67.8 69.4		67.8 69.4	
≥ 6000	70.5	70.7 72.4 73.4	70.8 72.4 73.5	70.9 72.6 73.6	70.9 72.6 73.7	70.9 72.6		70.9 72.5	70.9 72.6	72.6	70.9 72.6	70.9 72.6	70.9	70.9 72.6	70.9 72.6	70.9
≥ 4500 ≥ 4000 ≥ 3500	73.1	74.9	75.1 77.6	75.2 77.8	75.3	75.3	75.3	73.7 75.3		73.7 75.3	73.7 75.3	75.7 75.3	73.7 75.3	73.7	73.7 75.3	
≥ 3000	78.3	80.7		81.1 83.6	81.1	77.8 81.1 83.6	77.8 81.1	77.8 81.1	77.8 81.1	77.8 81.1	77.8 81.1	77.8 81.1	77.8 81.1	77.8 81.1	77.8 81.1	81.1
≥ 2500 ≥ 2000	83.0	86.8		86.4 87.2	86.6	86.6		83.6	83.4 86.6	83.6	83.5 86.6	83.6	83.6			86.5
≥ 1800 ≥ 1500 ≥ 1200	84.7	88.3 90.0	88.6	88.9 90.7	87.4 89.1 91.0	87.5 89.1 91.0	87.2			87.5 89.2	87.5 89.2			,	87.5 89.2	89.2
≥ 1000	86.5	91.2 91.6	91.7	92.0 92.6	92.3	92.3	9/.4	91.1 92.4		91.1 92.5	91.2 92.5	91.2 92.5		92.5	91.2 92.5	92.5
≥ 800	86.9	92.0	92.6			93.4	93.5		93.1 93.6	93.1	93.2 93.8	93.2	93.2	93.9	93.2 93.9	93.9
≥ 600	87.2	92.8	93,4			94.7	94.9	94.9	95.0	95.2	94.5 95.2	94.5	94.5	95.3	94.5 95.3	95.3
≥ 400	87.2 87.2	93.0	94.0	95.0 95.1	95.8	96.1	96.5	96.9	97.1	97.6	96.5 97.7 98.7	97.7	96.6 97.8 98.9		96. 97. 98.9	16.6 97.8 98.9
≥ 200	87.2	93,1	94.1			96.6	97.1	97.7	98.0	98.7	99.0	99.0	99.3	99.3	99.4	99.4
≥ 100 ≥ 0	87.2	03,1	94.1	95.1	96.2	96.6 96.6	97.2 97.2	97.7	98.0 98.0	98.7 98.7	99.1 99.1	99.2 99.2	99.5 99.5			99.9 100.0

TOTAL NUMBER OF OBSERVATIONS____

CEILING VERSUS VISIBILITY

RANDOLPH AFR TEXAS/SAN ANTONIO 38-74

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1800=2000

CEIL NG							VisiBit	UTATZ) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥11/3	≥ 1%	≥1	≥ ¾	≥ %	≥ %	≥ 5/16	2 14	≥ 0
NO CEHING ≥ 20000	54.3 62.1	55.5 63.6	55.6 63.7	55.7 63.9	55.8 63.9	55.8 63.9	55.8 63.9	55.8 63.9	55.8 63.9	55.8 63.°	55.8 63.9	55.8 64.0	55.8 64.0	55.8 64.0	55.8	55.8 64.0
≤ 18000 ≥ 1 ₀ 000	62.3 62.5			64.3	64.2	64.2	64.2 64.3	64.2	64.2 64.3	64.2 64.3	64.2 64.3	64.2	64.2 64.4	64.2 64.4	64.2 64.4	
≥ .4000 ≥ 12000	64.1 65.5		67.5	67.6	66.1 67.7	67.7	66 • 1 67 • 7	67.7	66.1 67.7	66.1 67.7	66.1 67.7	66.1	66.1 67.7	66.1 67.7	66.1 67.7	
≥ 9000	66.5	68.4 68.7	68.9	69.1	68.8 69.1	68.8 69.1	68.8 69.1	68.8 69.1	66.3 69.1	69.1	58.8 69.1	68.8 69.2	68.8 69.2	69.2	68.8 69.2	69.2
≥ 8000 ≥ 7000	67.7 69.6	69.7 70.6	70.9	70.1 71.0	70.1	70.1 71.1	70.1 71.1	70.1 71.1	70.1 71.1	70.1	70.1 71.1	70.2	70.2 71.1	70.2 71.1	70.2 71.1	71.1
≥ 6000 ≥ 5000	69.9 71.5	72.1	72.3		72.5 74.2	72.5	72.6 74.2	72.6	72.6	72.6	72.6	72.6 74.3	72.6	72.6	72.6 74.3	74.3
≥ 4500 ≥ 4000	72.4	74.7 75.9					75.2 76.5	76.5		75.2 76.5	75.2 76.5	75.2 76.5	75.2 76.5	75.2 76.5	75.2 76.5	76.6
≥ 3500 ≥ 3000	75.8	78.2 80.5	78.5 80.9		78.8 81.2	78,8 81.2	78.8 81.3		78.8 81.3	78.8 81.3		78.9 81.3		78.9 81.3	78.9 81.3	
≥ 2500 ≥ 2000	79.5 81.4	82.5 84.8		85,5	83.3 85.5		83.4 85.7	85.8		85.8	85.8		83.5 85.8	85.8	83,5 85,8	85.8
≥ 1800 ≥ 1500	81.9 83.2	85.4 87.2	85.9 87.6	88.1	86.3	88.2		88.5		86.5 88.5	88.5	88.5		88.5	86.6 88.5	88.6
≥ 200 ≥ 1000	84.6 85.1		89.7 90.6	91.1		91.2	91.5		91.6	91.6	91.7	91.7	91.7	91.7	90.7 91.7	91.7
≥ 900 ≥ 800	85.3 85.6	90.2	91,4	92.0	91.7 92.2	92.3	92.0 92.7	92.7		92.1 92.7		92.2 92.9	92.2	92.9	92.2	92.9
≥ 700 ≥ 600	85.9	91.1 91.3		92.8	92.8	93.4	93.3	93.9		94.0	94.1	93.6	93.6	93.6	93.6 94.1	93.6
≥ 500 ≥ 400	86.2	91.6 91.8		93.3	93.8	94.5	94.6	95.9	94.8	96.1	95.0		95 • 1 96 • 4		95.1 96.4	
≥ 300 ≥ 200		91.9		94.0	94.9	95.0	96.3	97.2	97.5		98.4	98.4		98.6	97,7 98.7	98.7
≥ 100 ≥ 0		91.9 91.9					96.3 96.3		97.5	98.1 98.1	98.6 98.6	98.6 98.7	99.2	99.2	99.4	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	.ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53·2 57.9	54.8 59.8	54.9 60.0		55.3 60.3	55.3 60.4	55.5 60.6	55.6 60.7	55.6 60.7	55.7 60.8	55.8 60.9			55.8 60.9	55.8 60.9	56.0 61.0
≥ 18000 ≥ 16000	58.1 58.5		60.3		60.6 61.0	60.6	60.9 61.2	60.9 61.3	60.9	61.0	61.1 61.5	61.5	61.1	61.5	61.2	61.3
≥ 14000 ≥ 12000	59.5 60.4	61.5 62.7			63.3	62.1	62.3	62.4 63.6		63.7	62.6 63.8	62.6 63.8	63.9	62.6 63.9	63.9	62.7 64.0
≥ 10000 ≥ 9000	61.3	63.6	64.1	64.3	64.6	64.6	64.6	64.6	64.9	65.1	64.8 65.1	64.8 65.1	65.2	64.9 65.2	64.9 65.2	65.0 65.3
≥ 8000 ≥ 7000	62.2	64.6	64.8	65.9	65.2	65,3	65.5	65.6	65.6	65.7 66.6	65.8 66.7	65.8 66.7	65.8	65.8 66.8	65.8	
≥ 6000 ≥ 5000	63.5	66.2	67.5	66.7	67.0	67.0 68.1	67.3 68.4	67.3 68.4	67.3 68.4	67.5 68.5	67.5	67.5 68.6	67.6 68.7	67.6 68.7	67.6 58.7	67.7 68.8
≥ 4500 ≥ 4000	65.5	68.4	68.7 70.2	69.0 70.4	69.2 70.7	69.3 70.7	69.6 71.0	69.6 71.1	69.6 71.1	69.7 71.2	69.8	69.8 71.3	69.9 71.3	69.9 71.3	69,9 71.3	70.0 71.5
≥ 3500 ≥ 3000	68.7 70.3	71.8	72.1	72.4	72.7	72.7		73.1 75.1	73.1 75.1	73.2 75.2	73.3 75.3	73.3 75.3	73.3 75.3	73.3 75.3	73.3 75.3	73.5
≥ 2500 ≥ 2000	72.0	75.7 77.7	76.2 78.3					77.2		77.3 79.4	77.4	77.4	77.4	77.4 79.5	77.5 79.6	77.6
≥ 1800 ≥ 1500	74.5 76.2	78.6 d0.5	79.2 81.2	79.6 81.7	79.9 82.0	80.0	80.3	80.3 82.4	80.3 82.4	82.6	90.5 82.6	80.5 82.6	80.6	80.6 82.7		80.7
≥ 1200 ≥ 1000	77.9	82.9	83.6		84.5 87.1	84.6		85.0 87.6		87.7						88.1
≥ 900 ≥ 800	80.0 80.9	86.0 87.5 88.4	86.8	87.3 89.1	87.9 89.7	88.0 89.8		88.4 90.3	90.3		88.7 90.6					90.9
≥ 700 ≥ 600	81.4	88.7	89.3		90.7		91.3	91.4 92.1	91.4 92.1	92.3	91.7 92.4		92.5	91.7 92.5	92.6	92.7
≥ 500 ≥ 400	81.7	89.3 89.5	90.5		92.2	93.3	93.1	93.4		94.9	93.7 95.1	93.7 95.1	93.8	93.8 95.2	95.2	95.4
≥ 300 ≥ 200	81.7		91.0 91.0		93.6 93.8	93.9 94.1	95.4	95.5 96.3	96.4	97.2	96.2 97.5	97.5	97.6		97.9	98.0
≥ 100 ≥ 0	81.7	89.6 89.6	91.1 91.1	92.2 92.2	93.9 93.9	94.2	95.6 95.6	96•4 96•4		97.6 97.6	98•0 98•0	98.0 98.0		98.5 98.5	1	99.1

TOTAL NUMBER OF OBSERVATIONS_

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

400.

-0 ()

£\$4.00

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. ata, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0 1 2 3 4 5 6	0 1 3 4 5 6 8 9
8 (or obscured)	10

DATA PPUCESSI G TRA CH ETACZUSAF AIR MEATHER SERVICEZ AC

SKY COVER

RANDOLPH AFB TEXAS/549 ANTONIO

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
нтисм	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JA,≀	ALL	25.8	4.0	3.5	2.9	2.4	1.8	2.5	3.1	4.9	3.5	45.7	5.0	18589
FE8		25.4	3,6	4.2	3.2	2.6	2.)	2.4	2.9	4.5	3.7	45.5	6.0	16477
MAR		23.3	3,5	3.9	3.4	3,3	2.5	3.1	4.2	6.1	4.7	42.1	6.1	17847
APR		18.1	3,3	3.7	3.4	2.8	3.0	3.2	4.8	7.2	5,8	44.8	6.6	17269
MAY		16.0	4.0	4.5	4.5	4.2	4.5	4.7	6.1	9.7	7.4	34.5	6.3	17966
Julia		17.7	5.6	6.0	7.0	6.9	6,7	6.5	8.2	10.4	7.4	17.7	5.2	17587
JUL		21.2	6.7	7.7	8.1	8.1	7.7	6.6	8.1	9.7	6.3	10.0	4.5	18200
AUG		24.0	7.4	7.8	8.5	7.5	7,3	5.8	5.4	8.9	5.7	10.7	4.2	18148
SEP		27.0	5.8	6.0	6.5	6.0	5.7	4.8	6.0	8.3	6.2	17.2	4.5	17997
DCT		35.8	5.3	5.0	4.8	4.5	3.5	3.8	4.8	6.8	5.6	20.2	4.3	18595
אטא		34.4	3.9	3.8	3.2	3.2	2,6	2.9	3.9	5.1	4,4	32.7	5.0	17976
DEC		29.4	4.5	3.7	3.4	2.5	2.2	2.9	3.6	5,0	4.2	78,8	5.5	18589
101	TALS	24,9	4.8	5.0	4.9	4.5	4.1	4.1	5.2	7.2	5.4	30.0	5.4	21523 <i>6</i>

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS C

M ARE OBSOLETE.

DATA PROCESSI, 3 RPA WEF ETACYUSAF AIR MEATHER SERVICE/ AC

SKY COVER

RANDOLPH AFE TEXAS/SAL AMTONIO STATION NAME

J A !)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JAN	00-02	34.3	2.0	2.6	2.4	1.1	1.0	1.3	2.)	3.8	1.7	46.3	5.6	232"
	03-05	31.3	2.8	2.3	2.3	1.6	• 6	1.4	1.8	3.9	1.7	49.9	5.9	2325
	ე 6− 0ძ	22.5	4.5	2.4	2.1	1.3	1,5	1.9	3.3	4.5	3.5	52.6_	5.6	2323
	09-11	18.7	3.6	2.8	2.6	2.2	1.9	1.8	3.3	5.1	4.7	53.3	5.7	2324
	12-14	19.8	4.3	3.3	3.5	3.3	2,7	2.7	3.9	5.8	6.1	44.8	5.4	2323
	15-17	20.4	5.1	4.7	3.7	3.6	2.6	2.9	4.3	7.1	5,2	40.3	5.1	2323
	18-20	25.8	5.6	5.0	3.8	3.6	2.5	3.7	3,4	4.5	3,7	38.0	5.5	2323
	21-23	33.2	3.2	4.2	2.8	2.8	1.8	3,4	2.5	3.8	1.6	40.7	5.3	2324
					-							-		
	 											ļ	ļ <u>.</u>	
	 											<u> </u>		
	<u> </u>					=							-	
10	TALS	25.8	4.0	3.5	2.9	2.4	1.8	2.5	3.1	4,9	3,5	45.7	6.0	16589

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0

DATA PRICESSI & BRANCH ETAC/USAF AIR WEATHER SERVICE/ AC

SKY COVER

RATIODEPH AFB TEXAS/SA., ANTONIO

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
FEB	JO-02	33.1	2.5	2.0	2.9	1.2	. 3	1.8	2.2	2.7	2.1	47.9	5.7	2061
	03-05	26.6	2.0	2.0	2.9	1.4	• 9	2.0	1.6	3.4	2.2	52.2	6.2	2061
	36 - 08	20.7	4.1	3 • d	2.9	1.9	1.6	1.7	2.3	3.5	3.6	53.8	5.6	2060
	09-11	18.3	3.5	4.0	2.7	2.4	2,3	2.3	3.2	4.5	5.1	51.3	5.7	2060
	12-14	20.7	3.9	4.4	3.5	3.7	3. ე	3.2	3.4	5.6	5.6	42.4	6.2	2058
_	15-17	21.1	4.9	5.l	4.0	4.1	3.0	3.5	3.5	7.5	5,3	38.1	5,9	2058
	18-20	25,9	4.8	5.7	3.7	3.1	2.7	2.8	4.1	6.1	3.7	37.4	5.5	2058
	21-23	34.5	2.7	4.6	2.7	2.6	1.6	2.2	2.7	3.7	2.1	40.6	5.2	2061
	<u> </u>									-			<u> </u>	
	<u> </u>													
	<u> </u>													
10	TALS	25.4	3.6	4.2	3.2	2.6	2.0	2.4	2.9	4.6	3.7	45.5	6,0	16477

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSION OF A CONTRACTOR SAF AIR WEATHER SERVICE/ AC

SKY COVER

RATERILA AFE TEXAS/SA. 40TOHIL

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(t.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAR	J0-02	29.0	2.1	2.7	3.1	2.6	1.5	2.1	2,7	5	2,5	46.0	5.9	2231
	03-05	25.9	1.8	2.5	2.3	2.1	1.1	2.7	2,6	3.6	2.3	53.1	5.4	2232
	<u>ს6-08</u>	16.2	3,5	3.9	2.5	2.3	1.6	2.7	3.5	4.6	4.3	53.9	7.0	2231
	09-11	17.4	3.5	3.5	2.8	3,4	2.5	2.6	4.3	5 . ¤	6.1	48.1	5.7	223
	12-14	19.1	5.0	4.4	3.6	3,6	4.2	3.3	5.3	7,9	6.2	37.4	6.1	223
	15-17	20.6	4.6	4.6	4.3	3.9	3.5	3.8	5,2	8.7	7.9	32.3	5.9	223;
	18-20	24.7	4.6	5,2	4.4	4.0	3.1	4.3	5,4	7.3	5.0	32.0	5,5	223
	21-23	32.0	3.2	4.5	3,5	4.2	2.2	3.3	4.2	5.6	2.6	34.1	5.1	223
	<u> </u>													
	ļ													
	<u> </u>													
το	TALS	23.3	3.5	3.9	3.4	3.3	2.5	3.i	4.2	6.1	4.7	42.1	6.1	1784

FORM JUL 6+ 0-9-5 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

C

DATA PRECESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/ AC

SKY COVER

RAULDLPH AFB TEXAS/SA . AUTONIL

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
APR	90-02	23.5	2.6	ì•9	2.0	1.5	1.2	2.7	4.2	6.6	3.0	49.7	5.6	2155
	∪3 ~ 05	19.0	1.8	2.5	2.3	1.7	1.2	2.2	3.1	4.8	3.8	£7.7	7.1	2160
	36 - 08	10.9	3.3	2.7	2.2	1.4	1.4	2.1	3.3	5.7	7.6	59.4	7.7	2160
	09-11	14.3	3.1	3.0	2.2	3.1	3.1	2.7	4.1	7.c	7.4	50.0	7.1	2160
	12-14	16.4	3,4	4.3	4.3	3.8	3.8	4.1	7.C	8.7	6,9	37.4	5.4	2155
	15-17	14.4	4.9	5.4	5.2	4.4	6.0	4.1	6,1	9.7	7.6	22.2	5.1	2160
	13-20	18.5	4.7	5.6	5.2	3.6	4.6	4.1	5.9	8.7	5.7	33.3	5.9	2160
	21-23	27.3	2,5	4.5	3.9	2,6	2.4	3.5	4.5	6.4	3,6	38.7	5.7	2155
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	ļ												<u> </u>	
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	<u></u>											ļ =	<u></u>	
10	TALS	18.1	3.3	3.7	3.4	2.8	3.0	3,2	4.8	7.2	5.8	44.8	6.6	17269

FORM UL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

C

C

DATA PRICISSI, C. K. Cr ETAC/USAF AIR WEAT' ER SERVICE/JAC

SKY COVER

DINDTINA IAZZAKAT BEAR HALLOMAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAG	FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAY	00-02	24.3	2.5	3.4	3.1	1.7	1.9	3.2	4.5	7.9	4.3	43.2	5.2	2234
	03-05	15.7	2.4	3.5	2.6	1.6	1.7	3.7	4.3	7.5	5.5	50.3	7.0	2232
	ნ6 − 08	8.9	3.0	2.3	2.5	2.4	2.3	3.2	4.7	9.6	11.0	50.1	7.7	2249
	09-11	9.0	3.5	4.0	4.3	4.1	5.3	5.3	6.8	11.9	11.0	34.1	8.د	2262
	12-14	10.5	3.8	4.6	5.5	6.0	7.5	7.8	7.6	12.3	8.3	25.7	6.2	2264
······································	15-17	12.1	5.0	5.4	7.6	9.2	8.5	4.7	7,3	9.9	9.1	21.1	5.7	2265
	18-20	17.5	7.4	7.3	6.3	5.1	5.4	4.8	7.3	9.1	6.5	23.3	5.3	2231
	21-23	27,6	4.1	5.6	4.2	3.7	3.1	4.8	5.9	9.1	3.5	28.3	5.2	2229
									-				 	
	<u> </u>									<u> </u>		<u> </u>	ļ	
	<u> </u>												ļ	
101	TALS	16.0	4.0	4,5	4.5	4.2	4.5	4.7	6.1	9,7	7.4	34.5	6.3	17966

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

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DATA PHOCESSING BP & CO ETAC/USAF AIR WEATHER SERVICEY AC

SKY COVER

12911 RA UBLPH AFE TEXAS/SA ARTOLIC

COIRS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				°ERCENTAG	E FREQUENC	CY OF TENTH	IS OF TOTAL	SKY COVER				MEAN	TOTAL
	(L S T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS
JU:	J9-02	29.9	4.2	5.7	3.9	3.0	1.9	6	6.7	10.1	6.1	22.4	4,9	2160
	3-05	14.4	3.3	4.1	3.9	3.7	2.6	6.9	8.2	12.)	9.5	31.4	6.5	2159
	<u>ე6–೧୫</u>	8.5	2.5	2.0	3.3	3.6	4.4	5.6	10.8	16.3	14.0	28.0	7.1	2219
	79-11	8.9	4.6	3.9	6.7	8.0	10.8	9.5	11.7	12.4	8.9	14.6	5.8	2247
	12-14	5.1	4.5	4.9	8.8	12.1	14.1	8.4	9.8	10.5	7.0	10.3	5.3	2243
ļ	15-17	9.3	6.4	8.5	13.8	14.1	11.6	5.6	7.7	8.2	5.4	9.3	4.7	2246
	13-23	20.8	12.1	11.3	9.6	6.9	5.0	5.0	5.6	7.2	5.1	11.2	4.6	2157
	21-23	46.0	7.0	6.7	5.7	4.1	3.2	5.∪	4.5	5.8	2.8	14.1	3.5	2157
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	ļ													
	ļ													
	<u> </u>													
10	TALS	17.7	5.6	6.0	7.0	6.9	6,7	6.5	6.2	10.4	7.4	17.7	5.4	17597

FORM 0-9-5 (OL A) USAFETAC

DATA PROCESSI + + * * AIR WEATHER SERVICE! AC

SKY COVER

12911 PO LOLPIN AFE TEXAS/SA ANTIHIO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREGUENO	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
M.ONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
jul	∪ 0- 02	44.0	7.4	6.9	6.5	4.2	2.5	ĵ . 7	4,5	7.2	2.8	7,9	3,6	223
	ა3-ე5	23.3	4.1	5.2	6.1	4.9	3,13	7.5	9.3	12.7	7.0	15.4	5.1	223
	∪ 5 −ეძ	7.4	4.4	5.3	6.0	5,7	7.6	7.1	12.1	13.5	13.4	17.1	5.2	229
	09-11	11.6	5.3	7.3	9.3	11.2	12.3	8.,	10.5	9.9	5.9	5,4	4.9	232
	 12-14	9.4	5.3	7.2	10.5	12.1	14.3	8.2	ΰ, 6	11.1	6,1	7.2	5.0	232
	15-17	6.5	5,8	9.1	12.7	14.2	11.0	5.1	8.3	10.3	6.6	8.9	۵,۵	232
	18-20	16.7	12.0	12.1	8,6	7.8	6.9	5,3	7.3	8. ~	_6,3	ã . 9	4.2	223
	21-23	50.0	8,9	ಆ .1	5.4	4,7	3.1	4.3	3.9	4.3	1.5	6.0	2,4	223
				<u> </u>										<u> </u>
101	TALS	21.2	6.7	7.7	6.1	8.1	7.7	5.6	8.1	9.7	6.3	1(.0	4.5	1820

FURM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING PAR CO ETACYUSAF AIR WEATHER SERVICE/ AC

SKY COVER

RANDOLPE AFE TEXAS/SA. A TEHT

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
ALG	JO-02	49.0	5.1	5.0	4.2	3.7	٥,1	2,5	3.9	5.0	2,5	11.0	2.9	22_4
	-3-05	32.9	5.6	3.0	5.3	3.9	3.0	7.7	6.3	3.2	5.2	15.1	4.2	2225
)6 - 06	13.1	7.0	7.1	7.6	5.3	7,3	6.7	6.2	14.2	6.5	17.5	5.5	2263
	59-11	15.4	7.4	7.5	5.2	4 و د 1	10.7	6.3	é.2	10.6	6.5	5. ب	4.7	2319
	12-14	9.5	7.8	6.4	10.6	11.6	13.5	5.9	7.9	10.7	6,7	8.0	4.5	2319
	15-17	5.4	5.7	9.3	14.0	13.3	10.3	5,4	8.1	9.9	7,9	2.7	5.0	2322
	18-26	16,É	11.4	12.3	11.1	7.2	6.5	4.5	6.5	8.2	5.8	9.8	4.2	2229
	21-23	48.1	7.9	ê.3	7.2	4.3	3.3	3.4	4.1	4.	2.4	7.1	2,5	2227
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	ļ	<u> </u>	<u> </u>		ļ									
	<u> </u>		<u> </u>									<u> </u>		
10	TALS	24.0	7.4	7.8	8.5	7,5	7.3	5.	6.4	ĝ.5	5,7	15.7	4.2	18149

FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

C

CATA + LOISUI - ETAC/, AF AIR NELTHER SERVIC / A

SKY COMER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	CY OF TENTH	S OF TC **	SKY COVER				MEAN SENTHS OF	TOTAL NO OF
MOZITI	(L S T)	0	1	7	3	4	5	6	7	8	9	10	SAY COLF	085
SEP	·)- v2	43.0	4.7	ع و زو	4.i	د ه ځ	۲,6	4.3	4.5	5.4	4,6	1,7,5	3.9	<u> </u>
	3-(15	35.2	3.4	4, 5	20.	2.5	2.3	Ž•.	4.6	c.1	5.2	7 <u>5,2</u>	4.7	234
	6-08	26.5	5.ô	6.0	5.2	4,5	7 , زر	4.2	5,5	9 . 3	9.2	25.7	5.5	224
	19-11	19.0	5.2	400	<u>0.4</u>	7.0	0.5	5.3	8.3	10.	7.6	17.1	5.2	225
	12-14	14.5	4,8	4.7	9.0	10.7	11.4	5.7	9.1	11.	7.0	11.6	5.1	224
	15-17	13.0	6.0	b.0	12.4	10.8	9.3	4.3	7.3	9.1	7.1	12.	4.5	225
	18-21	27	9,4	16.3	6.5	6.0	4.6	4.5	5.3	7.7	5.3	1.2.9	400	225
	21-23	46.5	7.1	6.1	4.6	3.9	3.1	4.5	3.0	5.3	2.2	13.3	3.1	225
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	! 			<u></u>					 					
												<u> </u>		
	TALS													
		27.6	5.8	6.0	6.5	6.0	5.7	4.5	8.0	3.3	6.2	17.2	4.5	1799

FORM 0.0-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

DATA PILICES IN FRACTICE ETACYUSAF AIR WEATHER SERVICE/MAU

SKY COVER

12911 RAY JULPH AFE LEXAS/SA ANT SIGNAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				ME IN	TOTAL NO OF
	(LST)	0	1	2	3	4	5	6	7	Ę	9	10	SKY COVER	085
261	10-02	47.5	3.7	₽•Ī	2.0	3.1	1.5	2.5	3.9	5	3.1	24.7	۳. د	2925
	3-05	41.0	3,5	3.3	3.2	2.4	1.6	3.5	3.7	5,4	4,5	27.6	4.5	2724
	16-00	25,9	5.9	4.1	4.0	4.0	2.5	3,2	4,3	7.2	7.8	31.2	5.4	2324
	J9-11	27.3	4.7	4.2	4.1	4,6	4,5	4.3	6,2	9.	8,2	23.1	5.1	2324
	12-14	26.4	5.6	5.1	5.9	6.1	6,7	4.7	5,6	9.4	7.8	15.7	4.7	2323
	15-17	26.8	0,4	7.4	8.6	7,4	5.3	4,9	5.4	<u>8,</u>	6.5	13.1	4.2	2325
***	18-26	39.0	7.6	7.0	5.7	5.2	3,6	3.9	4,4	5.5	4.5	12.3	3.	2325
	21-	51.5	5.0	4.8	4.3	3.0	2.2	3.1	3.6	4.3	2.6	15.6	3.1	2325
	ļ													
	<u></u>												ļ	
	<u> </u>													
10	TALS	35.ა	5.3	5.∪	4.8	4,5	3.5	3.8	4.9	6.년	5.5	20.2	4.3	18595

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PAUCISIT SAN CA ETACYUSAF AIR WEAT OR SERVICTY AC

SKY COVER

12911 RANGSLO- AFE TEXAS/SAN ASSESSION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS				PERCENTAG	E FREQUENC	Y OF LENTH	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MOITIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
	00-06	41.5	3.1	3.0	2.3	2.4	1.3	2.5	2.5	4,6	2,2	33.0	4.5	224
	∪3 - ∩5	39.1	1.9	2.0	2.4	2.0	1.4	2.2	2,4	4.4	2,3	39.1	5.1	224
	06-08	26.5	4.5	3.5	3.3	2.2	1.5	2_	3.6	6.	4.9	41.7	5. 8	224
	J9-11	25.0	4.7	3.7	3,4	3.8	2.9	2.9	<u>3.ú</u>	5,1	6.1	38.3	5.8	224
	12-14	27.5	4.6	4.2	3.7	4.6	4.4	4.	5.6	5.4	6,9	29.0	5.2	224
	15-17	30.2	5.1	4.4	4.5	3.9	4.1	3.5	5.2	7.5	6.4	25.1	4.9	224
	18-20	39.5	4.0	4.6	3.3	3.8	3.6	3.2	4.4	4.2	4.3	25.1	4.3	224
· • · · · · · · · · · · · · · · · · · ·	21-23	45.2	2.9	3.5	2.4	2.7	1.5	2.6	3.5	3.7	2.1	29.7	4.2	225
	 													
10	TALS	34,4	3,9	3.8	3.2	3.2	2.6	2.9	3,9	5.1	4,4	32,7	5.0	1797

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

DATA FILE SETIS THE CH ETACYUSAF AIR MEATHER SERVICE/SAC

SKY COVER

DOLPH AFE TEXAS/SA PATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOUPLY OBSET ATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
	(LST)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NC OF 35
DEC	00-02	37.7	3.7	3.1	ن∙د	2.0	ر.1	2.5	2.7	2.,	2.5	39.11	5.1	2321
	:,3-05	36.4	2.2	2.7	2.7	1.3	1.4	2.2	2.0	2.4	1.7	44,7	5.4	2324
	06-08	25.8	4.3	3.0	3.3	2.4	1,4	2.4	3,2	4.4	3,3	46.0	υ . υ	232
	-9-11	20.3	5. ర	3.0	3.5	2.1	2,1	2.5	2,9	5.5	6.1	45.4	5.3	2321
	12-14	22.6	4,9	3.7	3.5	2.9	3.4	3,4	5,0	7.1	6.7	37.0	5.9	2324
	15-17	23.2	4.9	4.7	4.∪	3.7	3.2	3.5	5.9	7	6.4	73.5	5.7	2324
	18-20	31.2	6.1	4.1	3.8	3.2	2.7	3.0	4,4	6.5	3.8	36.6	5.€	2321
	21-23	38.2	4.0	3.3	3.2	2,4	2.2	2.3	3.0	4.4	2.7	34.1	4.8	232
	<u> </u>													
	 													
TOT	TALS	29.4	4,5	3.7	3.4	2,5	ر 2 • 2	2.9	3.6	5.0	4.2	38.8	5.5	18589

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries r. dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the provided of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
 - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (Gx). The number of observations used in the computation for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75
STATION NAME
YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM DAILY OBSERVATIONS)

MUMIXAM

	TEMP (*F)	JAN,	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
≥.	105							.3	,4					• 1
≥	100					. 2	2.4	8.7	13,3	. 5				2.1
≥	95			.3	• 5	3.6	24.7	53.8	55,6	17.1	. 5			13.2
≥	90	•1	.3	2,4	6.6	23.5	68.8	87.0	85.1	52.1	10.6		•1	28.3
≥	85	.5	1.6	9.4	25.9	59.6	91.3	96.9	95.7		37.5	3,9	• 2	42.1
<u>≥</u>	80	4.1	7.4	26.0	55.2	83.4	97.3	99.4	99.1	91.2	65.4		4.3	54.6
<u>`</u> ∆	75	13,7	20.3		76.0		99.5	99,9	99.7	97.6	82.8		16.0	65.6
≥	70	27.5	39.7	53.9	89.3	98.9		100.0	100.0		93.0	58.8	33.7	75.5
_≥	65	44.7	56.0	80.3	95.7	99,8		,		99.7	97.5	72.3	52.2	83.3
	60	58.1	71.6	88.9	98.6	99.9		•		100.0	99.2	84.5	68.3	89.1
2	55	70.7	81.7	94.3	99.6	100.0					99.9	92.3	81.0	93.3
≥	50	82.4	90.9								100.0	96.6	89.3	96.4
≥ _	ķ 5	90.6	96.9		100.0							99.3	96.2	98.5
≥	40	94.9	98.7								· · · · · · · · · · · · · · · · · · ·	100.0	98.5	99.3
≥	35	97.7	99.6										99.7	99.7
≥	30	79.5		100.0									100.0	100.0
≥ _	25	99.7									i			100.0
≥ _	20	100.0												100.0
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=	MEAN	61.1	65.2	72.4	79.3	85,2	91.1	94.2	94.4	88.7	81.3	70.2	64.0	78.9
ł	- S D.	12.114						4.350	4.985	6.149	7.228			14.236
	TOTAL OBS				1109			1147		108			1147	

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBFOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
12911 RANDOLPH AFB TEXAS/SAN ANTONIO
STATION NAME

DAILY TEMPERATURES

MUMINIK

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (*F)	JAN	FEB	MAR	APR	MAY	MUL	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
≥ 85						,1	-						•0
≥ 80						• 3	,4	.1	, 1				. 1
≥ 75				.1	3.6		39.4	39.3	14,8	1.9	·		10.7
≥ 70			.5	8.7	28.1	72.9	92,9	88.5	56.9			.2	30.6
≥ 65	2.1	1.8	8.1	30.9	61.3	93.3	99.6	98.1	80.1	32.7		1.7	43.4
≥ 60	5.7	8.5	19.2	52.6	85.4	98.0	100.0	99.8	92,4	54.9	19.0	6.5	53.8
≥ 55	12.1	15.0	36.8	71.3	94.6	99.8		100.0	98.1	73.1	31.5	13.3	62.4
≥ 50	21.3		54.4			100.0			99,4	88.0	49.2	25.2	71.1
≥ 45	35.2	46.5	69.9		99.9				99,9		68.0	43.7	79.6
≥ 40	54.6	68.3	84.1		100.0				100.0		84.2	64.8	87.8
≥ 35	73,1	83.3	94.3	99.6						99.9	93.4	83.8	94.0
≥ 33	79.6	89.0		100.0						100.0	96.3	89.7	95.9
≥ 30	87.1	93.4	98.7								93.7		97.7
≥ 25	94.2		99.6								99.6	98.8	99.2
≥ 20	97.6		100.0								100.0	99.9	
≥ 15	99.1	99.9										100.0	99.9
≥ 10	99.8	100.0											100.0
≥ 5	100.0												100.0
≥													
≥	1												
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MEAN	41.1	44.2	50.2		65,5	71.6	73.5	73.1	68.9	50.0	49.6	43.6	58.4
S D	10.804	9.764		8,543	5.996	4.388	2.601	3,181	5.790	8.323	9.924	9.371	14.112
TOTAL OBS.	1147	1024	1116	1109	1147			1147		1146		1147	13429

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

	TEMP (*F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥	90						. 4	1.6	2.2					.4
l≥	85				.1	1.2	24.3	48.2	19.2	12.7	.7	1		11.5
≥	80	1		. 5	4.6	23.5	73.0	91.8	88.4	52.8	9.7	,		28.9
≥	75	•1	• 1	6.8	27.2	60.7	93.1	99.0	98.7	81.1	32.8	4.6	.4	42.3
≥	70	3,9	6.3	21.2	54.8	87,8	99.3	100.0	99.9	94.1	60.5		3.9	54.4
WIN WINIWIN	65	10.8	17.6	40.9	75.7	96.3	100.0		100.0	98,6	80.6	33.1	12.2	64.1
≥	50	21.9	32.0	61.4	90.2	99.7				99.8	93.3	53.2	27.9	73.5
≥	5 5	39.6	52.1	76.6	96.3	100.0		•		100.0		72.7	47.7	82.1
≥	50 55 50	57.0	71.2	88.9	99.2						99.7	86.2	68.3	89.3
≥	45	73.9	85.2	95.5	99.9						100.0		84.8	94.5
2	40	87.3	95.0	99.0	100.0				· · · · · · · · · · · · · · · · · · ·	•	1	99.1		97.9
≥	35	93,3	98.7	99.7								100.0		99.2
≥	30	97.2	99.6	99.9						<u> </u>		1	99.9	99.7
2	25	99.0	99.9	100.0							 		100.0	99.9
≥	20	99.8	100.0									t		100.0
≥	15	100.0									 			100.0
≥											i			
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	MEAN T	51.2	54.9	61.5	69.3	75.5	81.5	84.0	83.9	79.0	70.8	60.1	53.9	68.8
	_ s o	10.566			7,152	5.205							. 398	
1	TOTAL OBS	1147		1116	1109	1147	1109		1147	1080				13428

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 35-75
STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN,	JUL.	AUG.	SEP.	ост	NOV.	DEC	ALL MONTHS
38		1	¢		90	95	97	98	95	96	85	82	
39	75	83	93	98	99	9.9	106	98		93	83	83	
40	76	94	89	93	92	94	95	100	98	92	30	76	100
41	77	74	87	91	91	95	98	102	99	92	83	80	102
42	82	79	91	89	94	104	97	99	95	91	85	86	104
43	87	84	98	92	96	101	102	103	9.8	90	86	82	103
44	76	84	86	92	95	98	106	103	99	94	83	73	106
45	76	83	88	92	100	100	102	105	99	- 90	88	50	105
46	75		1						96		84	79	
47	82	81	87	88	96	98	101	102	98	93	88	79	102
48	75	82	88	95	96	100	100	104	97	92	88	51	104
49	83	82	91	88	96	98	96	100	96	91	89	82	100
50	84	81	97	89	93	96	98	100	100	92	88	31	100
51	81	81	87	98	95	98	103	104	102	93	89	84	104
52	80	87	91	90	94	95	97	101	100	90	85	78	101
53	83	82	88	94	93	102	101	104	101	93	<u>80</u>	79_	104
54	81	90	94	89	93	98	107	101	99	95	80	84	107
55	80	82	93	94	101	98	100	101	95	92	87	90	101
56	81	88	89	89	94	100	101	100	99	94	83	81	101
57	80	88	87	84	89	95	102	100	98	89	82	79_	102
58	75	76	81	92	94	97	100	100	95	89	81	78	100
59	79	89	87	87	94	97	96	98	98	94	84	75_	98
60	74	88	87,	88	94	101	101	97	94	91	83	76	101
61	74	78	85	93	95	94	92	96	97	90	85	78_	97
62	76	88	83	90	92	94	103	106	96	96	8 9	75	106
63	84	83	67	95	96	99	98	100	99	91	85	72	100
64	77	72	79	87	95	96	101	101	96	89	83	83	101
65	78	75	85	91	87	94	99	98	9.8	88	82	77	99
66	75	73	85	90	92	93	100	98	96	94	85	84	100
67	82	78	93	94	99	101	102	165	92	86	89		1.05
MEAN													
S D													
TOTAL ORS													

NOTES * (BASED ON < FULL MONTHS)

A) # (AT LEAST ON, DAY < 24 OBS)

USAF ETAC FORM 1-88-5 (OLA)

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EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75
STATION NAME

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP	ост	NOV	DEC	ALL MONTHS
68	77	77	84	87	91	92	97	100	95	90	83	76	100
69	82	83	84	84	10	98	101	103	9.6	92	68	75	103
70	79	79	82	89	91		97	98	97	88	85	82	98
71	88	82	99	93	94	98	100	94	96	87	81	80	100
72	90	83	89	92	86	95	99	94	95	90	84	77	99
73 "	75	73	81	34	94	92	92	93	91	86	84	83	94
74 75	78i 88	84 79	94 89	91 89	92 91	96 97	101 99	97 97	91	85	80	75	101
MEAN	79.7	81.6	88.0	90.5	93,6	97.0	99.6	100.0	96.8	90.9	84.5	79.6 3.797	101.4
5 D	4.230	5,268	4.440	3.469	3.243	2.944	3.343	3,171	2,535	2.822	2.825	3.797	2,797
TOTAL OBS	1147	1024	1116	1109	1147	1109	1147	1147	1080	1146	1110	1147	13429

NOTES * (BASED ON < FULL MONTHS)

A) # (AT LEAST ONE DAY < 24 GBS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1.2911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75
STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR.	MAY	NUL	JUL.	AUG	SEP.	οcτ	NOV.	DEC	ALL MONTHS
38			×		52	67	70	66	54	41	23	28	
39	30	28	34	35	58	65	69	63		40	36	28_	
40	14	29	33	33	55	58	64	60	49	44	28	31	14
41	27	32	34	47	56	64	69	67	63	47	33	34	27
42	21 17	28	35	44	48	63	67	66	43	48	34	30	21
43		321	22	52	57	58	69	71	56	42	34	22	17
44	22	29	32	43	47	66	69	64	61	42	30	29	22
45	34	34	42	36	48	65		70	55	39	35	26	26
46	30								65		42	26	
47	19	29	32	41	58	69	69	68	55	5.9	39	33_	19
48	20	25	22	46	58	64	70	68	54	46	33	33	20
49	8	31	39	40	60	62	70	68	58	44	40	30	8
50	30	33	33	47	62	65	70	68	64	55	29	20	20
51	16	12	31	39	56	65	73	70	60	54	28	23	12
52	35	35	31	42	54	63	70	70	61	43	35	29	29 25 29 27
53	28	33	39	42	49	63	7.0	68	60	50	35	25	25
54	29	34	35	47	48	64	71	72	60	43	38	32	29
55	31	27	30	52	61	57	71	73	67	44	29	28	27
56	29	26	34	44	61	69	70	67	61	52	34	33	26 2: 25 20
57	26	41!	33	40	52	62	73	71	58	37	32	26	2.5
58	31	25	35	48	58	68	69	67	60	48	32	27	25
59	20	33	35	39	63	67	69	68	57	45	24	31	20
60	24	.22	31	45	49	64	70	68	55	44	31	28	22 23
61	26	30	37	33	46	59	67	58	52	43	36	23	23
62	8	30	26	35	50	64	68	66	57	44	35	26	8
63	141	23	30	45	54	64	66	70	53	50	33	22	14
64	12	26	31	41	52	54		69	60	36	32	25	12 23
65	23	25	24	44	48	63	68	64	55	40	34	33	
66	16	23	28	45	56	59	68	63	58	37	28	23	1 5
67	2.3	25	31	52	47	63	61	63	47	42	34	28	23
MEAN													
5. D.													
TOTAL OSS.													

NOTES * (BASED ON < FULL MONTHS)

LA) # (AT LEAST O'ME DAY < 24 OBS)

USAF ETAC AN M 0-88-5 (OLA)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12911 RANDOLFH AFB TEXAS/SAN ANTONIO 38-75

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	NUL	JUL,	AUG.	SEP	oct ,	NOV	DEC.	ALL MONTHS
68	26	29:	29	43,	54	59	64	63	53	43	30	24	24
69	19!	32	31	47	45	58	70	65	58	44	25:	27	19
70	13	26	31	37	44	53	65	64	55	34	23	30	13
71	25	23	23	35	461	68	68	67	52	50:	38!	33 1	23
72	18	22	32	38	56:	59	60	67	54	45	30	19	18
73	20	23	38	34	45!	57	68	611	55	48!	35	26	20
74	25	23	38	43	59	59	69	69	48	42	32	32	23
7.5	22	27	31	38	59	58	67	67				i	
												2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
22 Tag 11													
MEAN	22.5	28.2	32.0	41.8	53.3	62.5	68.4	66.7	56.5	44.6	32.4	27.6	20.4
S D	6.943	5.474	4.684	5.401	53.3 5.551	4.154	2.751	3.355	5.102	5.242	4.512	27.6 3.974	5.641
TOTAL OBS.	1147	1024	1116	1109	1147	1100	1147	1147	1080		1110	1147	13429

NOTES * (BASED ON < FULL MONTHS)

A) # (AT LEAST DNE DAY < 24 DBS) USAF ETAC AN M 0-88-5 (OLA)

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12911

STATION

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/ 1AC

RANGOLPH AFE TEXAS/SAN ANTONIO

PSYCHROMETRIC SUMMARY

YEARS

Dune 1 166 HOURS .L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 17 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 108/107 1: • 기 106/105 12 104/103 00 68 • 01 • -102/101 224 224 100/ 99 941 76 i ٠ì • i . . 98/ 97 2732 3335 . 2 . 1 96/ 95 .0 3694 3694 • 1 • 0 94/ 93 .0 .0 4907 4912 ان و 92/ 91 • 0 6129 5175 • • 90/ 89 7797 7-13 • (1 88/ 87 . 8 • 6 3404 5410 9931 6936 . 1 .0 .0 86/ 85 • 6 . 0 • ١ 84/ 83 • 5 • 7 . 1 1658210593 11 + 1 • 3 • C • 0 82/ 81 . 5 1202012, 30 61 80/ 79 • 6 1.0 . 1 1597715986 . 1 • 1 • 0 • 0 484 35 77 78/ . 8 1891618975 4272 233 1.4 1.5 76/ 75 2.2 2750 • 1 1.1 . 6 • 0 216962171822009 • ì • 0 ٠Ü 74/ 73 1.7 18569 10590 27 177 12951 72/ 71 1.5 1.4 • 1 • 2 . 1 16545155623218124529 • 0 .0 1.4 70/ 69 16192142192472128670 1.3 68/ 67 . 1 1.1 • 5 . 2 14156141301953927447 66/ 65 . 2 . 2 13750173591731724524 64/ 63 . 2 1.1 •3 .2 .3 • 2 .2 11490115041501120334 • 1 .0 62/ 61 1)595110614130 - 217041 60/ 59 . 9 . 3 . 0 . 2 10688107061198613949 58/ 57 .0 9772 37061103911620 56/ 55 9277 93041 190610533 .0 • 0 54/ 53 6870 899115463 9567 • 0 52/ 51 .3 7973 800510469 8740 8207 82941074 9531 . 6 •0 • 2 8740 49 50/ 48/ 47 . 5 • 4 • 3 6785 680410267 • 1 8327 45 46/ 9508 0619 5030 9720 44/ 43 • 4 • 2 • 1 • 0 5650 5569 2505 8551 42/ 41 4235 6399 7954 Element (X) X No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F : 32 F ≥ 73 F 4 93 F Total Dry Bulb Wet Bulb

39-75

 Ω \cap \mathbb{H} AR. FORM 0 꿆 ö EDITIONS PREVIOUS 3 ಠ က \$ ò FORM JUN 73 USAFETAC

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Dew Point

RANDOLPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

ALL PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dr. Bulb Wet Bulb Dew Point 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 .0 4175 4190 7000 7910 40/ 39 3219 3225 5039 7241 38/ 37 2409 36/ 35 2418 4680 7631 1816 3525 6867 33 1808 1233 32/ 31 .0 1239 2752 6815 • 0 1047 1874 5898 30/ 29 1044 28/ 27 684 686 1326 4452 .0 847 4264 392 26/ 388 23 246 605 3041 24/ • 0 • 245 174 370 2668 174 124 214 1737 20/ 19 • 0 • 0 124 • 0 18/ 59 59 1570 77 1210 16/ 15 26 • 0 • 0 26 14/ 24 796 29 11 546 12/ 9 351 10/ 8/ 246 183 3 109 4/ 71 0/ -1 64 -2/ -3 --4/ --5 34 ·=6/ ·=7 27 ·=8/ ·=9 6 319026 318545 318538 318543 Element (X) Mean No. of Hours with Temperature 21422920 21746711 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 1579624412 67.320.876 318530 Rel. Hum. ± 32 F Total 68.215.265 60.612.932 110.55173.43884.37052.6 322.5 227.73860.41746.7 5.9 R760 Dry Bulb 1556728067 319026 1222527381 19299173 8760 Wet Bulb 318543 5.9 Dew Point 1048874469 17618393 55,315,285 318545 943.22645.4 426.5 8760

9477.5432

USAFETAC - FORM 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OF

MONTH THE THE SECTION INCREMENT ASSESSED. THE SECTION IN

RANDOLPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

MAL

ALL HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 90/ 89 1 .0 88/ 87 86/ 85 10 10 .0 .0 84/ 83 .0 16 82/ 81 • 0 • 0 • 0 42 42 80/ 79 90 90 77 151 78/ 151 . 0 • 0 76/ 75 259 259 74/ 73 356 356 . 1 • 1 • 0 • 1 480 480 70/ 69 766 86 766 11 68/ 67 932 933 522 130 1175 1175 567 869 66/ 65 1.2 1089 1092 878 735 64/ 63 1.1 928 1111 1117 842 62/ 61 1.1 60/ 59 58/ 57 1285 1290 917 846 1328 1331 819 • 2 56/ 55 1439 1444 859 54/ 53 1257 1497 1505 926 1.4 51 1608 49 50/ 1771 1782 1689 983 1.7 48/ 47 1409 1723 1546 1550 1714 .46/ 45 • 8 1128 1472 1430 1995 1343 1347 1789 44/ 43 1.5 .7 42/ 41 1301 • 6 • 3 • Ú 40/ 39 1298 1301 1726 1314 38/ . 8 37 1075 1077 1610 1313 1.3 • 3 35 827 36/ 819 1381 1424 695 1100 1432 34/ 33 687 1.0 . 1 32/ 31 571 577 963 1510 30/ 29 533 718 1451 . 8 535 • 3 27 28/ .0 .0 362 363 582 1157 414 1092 .26/ 25 234 236 • 0 • 3 .0 ZX No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. ≠ 0 F Dry Bulb Wet Bulb Dew Point

3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFETAC FORM, 0-26-5

12911

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

RANDOLPH AFB TEXAS/SAN ANTONIO

#### PSYCHROMETRIC SUMMARY

JAM

STATION NAME MONTH PAGE 2 HOURS (L. S. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 22/ 21 20/ 19 • 0 149 149 230 742 .0 111 111 173 512 17 187 532 • 1 50 50 110 15 16/ 21 70 442 21 13 292 • 1 19 18 22 12/ 6 6 26 225 10/ 9 169 7 8/ 115 51 84 3 60 27 51 43 +2/ -3 21 ·#4/ ·=5 32 ·#6/ ·#7 21 TUTAL 7.527.719.314.010.4 7.7 5.2 3.5 2.0 27263 27382 . 2 27265 27265 ZX Zχ Mean No. of Hours with Temperature 141929737 68.722.104 50.612.650 1872509 27263 Rel. Hum. ± 0 F ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F ≤ 32 F 1385753 74511713 27382 60.3 Dry Bulb 84.6 25.4 744 99.7 59777251 1237483 45.411.579 27265 744 Wet Bulb 16.8 47544827 1068499 39.214.419 Dew Point 27263 254.8 3.9 744

39-75

OBSOL THIS FORM ö EDITIONS **(**. 3 ğ ó FORM 7 C USAFET/

RANDOLPH AFB TEXAS/SAN ANTONIU

12911

#### **PSYCHROMETRIC SUMMARY**

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ALI PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) J 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 94/ 93 3 92/ 91 90/ 89 8 8 • 0 .0 • 0 .0 88/ 87 .0 21 86/ 85 .0 26 26 • 0 .0 10 • 0 • 0 84/ 83 38 38 .0 89 82/ 81 69 .0 • 0 • 0 .0 • 0 • 0 80/ 79 145 • 0 78/ 77 237 . 1 237 • 1 . 1 . 1 • 1 • 1 • 0 • 0 341 74/ 73 72/ 71 412 412 .1 570 576 70/ 69 856 137 14 .3 .3 • 0 • 0 856 • 1 68/ 67 1090 1090 454 138 802 66/ 65 . 5 1211 1211 469 1318 1318 1024 1384 1384 1084 64/ 63 747 62/ 61 907 1.6 • 5 . 1 • 0 960 1346 1348 1209 60/ 59 58/ 57 942 1372 1373 1154 1.3 .0 1225 993 56/ .6 1500 1502 1525 1529 1368 54/ 53 1.6 • 8 . 8 • 3 .1 1003 52/ 51 1361 1362 1496 1.3 50/ 49 . 1 1.6 1.1 1.0 . 6 1504 1504 1651 1011 48/ 47 1.0 • 3 1330 1330 1785 1002 1466 1467 1815 1091 46/ 45 2.0 , 6 1.2 • 5 • 1 • 0 1165 1145 1809 1254 44/ 43 1.6 42/ 41 1.5 1.0 •0 1038 1038 1524 1260 39 760 760 1264 38/ 37 657 1136 1248 • 5 • 1 656 36/ 35 •0 519 519 897 1331 34/ 372 33 . 6 372 772 1234 32/ 31 251 251 610 1162 30/ 29 402 1038 226 • 6 226 96 96 307 859 ZX2 ZX X No. Obs. Element (X) €x Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F ≥ 93 F Dry Bulb Wet Bulb Dev Point

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC RANDOLPH AFB TEXAS/SAN ANTONIO

## **PSYCHROMETRIC SUMMARY**

FER

| STATION     |                |          |          | S1       | TATION N | AME      |          |                       |          |                                                  |              |              |             | YE            | ARS                                              |         | ·    |              |               | MON          | ITH       |
|-------------|----------------|----------|----------|----------|----------|----------|----------|-----------------------|----------|--------------------------------------------------|--------------|--------------|-------------|---------------|--------------------------------------------------|---------|------|--------------|---------------|--------------|-----------|
|             |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             |               |                                                  |         |      | PAG          | E 2           | HOURS (L     | LL        |
| Temp.       | <del>,</del> , |          |          |          |          | WET      | BULB 1   | reupen                | ATURE    | DEBDE                                            | CCION        | 'E\          |             |               |                                                  |         |      | TOTAL        | ·             | TOTAL        |           |
| (F)         | 0              | 1 - 2    | 3 - 4    | 5 - 6    | 7 · 8    |          |          |                       |          |                                                  |              |              | 22 .        | 25 - 26       | 27 20                                            | 20 20   | > 21 |              | Day Builb     | Wet Bulb     | Daw Barat |
| 26/ 25      | •0             |          |          | •0       | _        | 7. 10    | 11 - 12  | 13 - 14               | 13 - 10  | 17 - 18                                          | 19 - 20      | 21 . 22      | 23          | 23 - 26       | 27 - 28                                          | 29 - 30 | £ 31 | 61           | 61            | 134          | SR9       |
| 24/ 23      | • 0            | .1       | .0       |          |          |          |          |                       |          | l                                                | •            |              |             | l             | li                                               |         |      | 32           | 32            |              | 610       |
| 22/ 21      | • 0            |          |          |          |          |          |          |                       |          | <del> </del>                                     |              |              |             | <del> </del>  |                                                  |         |      | 11           | 11            | 45           | 543       |
| 20/ 19      | • •            | .0       |          |          |          | l        | Ì        |                       |          |                                                  | j            | i            |             | j             | 1                                                |         |      | 9            | 9             |              | 363       |
| 18/ 17      |                | •0       |          |          |          |          |          |                       |          | <del> </del>                                     |              | <del> </del> | _           | +             |                                                  |         |      | 9            | <del> 9</del> |              | 327       |
| 16/ 15      |                | ,ŏ       |          |          |          | i        | İ        |                       |          |                                                  | l            | ł            |             |               |                                                  |         |      | , ž          | 5             |              | 275       |
| 14/ 13      |                | •0       |          |          |          |          | <u> </u> |                       |          | <del> </del>                                     | <del> </del> |              |             |               | <del>                                     </del> |         |      | 5            |               |              | 191       |
| 12/ 11      |                | .0       |          |          | }        |          |          |                       |          | ĺ                                                |              |              |             |               | [                                                |         |      | 1            | 1             | 3            | 95        |
| 10/ 9       | •0             |          |          |          |          |          |          |                       |          | <del> </del>                                     |              | <b></b> -    |             | <del>- </del> | -                                                |         |      | +            |               |              | 60        |
| 8/ 7        | .0             |          |          |          |          |          |          |                       |          |                                                  |              |              |             |               |                                                  |         |      | ;            | 1             | 7            | 43        |
| 6/ 5        |                |          |          |          |          | $\vdash$ |          |                       |          | <del>                                     </del> |              | <del> </del> |             | +             | <del>                                     </del> |         |      | 1            |               | <del> </del> | 22        |
| 4/ 3        |                |          | l        |          |          |          |          |                       |          |                                                  |              |              |             | 1             |                                                  |         |      |              |               | 1 1          | 13        |
| 2/ 1        |                |          |          |          |          |          |          |                       |          |                                                  |              | <u> </u>     |             |               |                                                  |         |      | <del> </del> |               |              | 6         |
| 0/ -1       |                |          |          |          |          | l        |          |                       |          | }                                                |              | ļ            |             |               | ļ ļ                                              |         |      |              |               | 1            | 10        |
| -4/ -5      |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             | <del> </del>  |                                                  |         |      |              |               | i            | 1         |
| -6/ -7      |                |          |          |          |          |          |          |                       |          |                                                  | ]            |              |             |               |                                                  |         |      |              |               | 1 1          | 3         |
| TOTAL       | 6.9            | 25.6     | 17.3     | 12.6     | 10.2     | 8.4      | 6.3      | 4.3                   | 3.2      | 2.2                                              | 1.4          | .8           | _           | 4 .2          | ,1                                               | • 1     | •0   | -            | 24406         |              | 24394     |
|             |                |          |          |          |          | • • •    |          | , -                   |          | " ' '                                            | • • •        | •            | '           | 1             | '-                                               | • •     |      | 24394        |               | 24394        |           |
|             |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             |               |                                                  |         |      |              |               |              |           |
|             |                | l        |          |          |          |          |          |                       |          |                                                  | 1            |              |             |               |                                                  |         |      | 1 1          |               |              |           |
|             |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             |               |                                                  |         |      |              |               |              |           |
|             |                |          |          |          |          | i        |          |                       |          |                                                  | _            |              |             | 1             |                                                  |         |      |              |               | 1            |           |
|             |                |          |          |          |          |          | i        |                       |          |                                                  |              |              |             |               |                                                  |         |      |              |               |              |           |
|             |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             |               |                                                  |         |      | <u> </u>     |               |              |           |
|             |                |          |          |          |          |          | i        |                       |          |                                                  |              |              |             | 7             |                                                  |         |      |              |               |              |           |
|             |                |          |          |          |          |          |          |                       |          | ]                                                |              | l            |             |               |                                                  |         |      |              |               |              |           |
|             |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             |               |                                                  |         |      |              |               |              |           |
|             |                |          |          |          |          |          |          |                       |          |                                                  | L            |              |             |               | L1                                               |         |      |              |               |              |           |
|             |                |          |          |          |          |          |          |                       |          |                                                  | i            |              |             |               | 1                                                |         |      |              |               |              |           |
|             |                |          |          |          |          | <u> </u> |          |                       |          |                                                  |              |              |             | <u> </u>      |                                                  |         |      |              |               |              |           |
|             |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             | 1 -           | lΠ                                               |         |      |              |               |              |           |
|             |                |          | <u> </u> |          |          | <u> </u> | <u></u>  |                       |          |                                                  |              |              |             |               | <u> </u>                                         |         |      |              |               |              |           |
|             |                |          |          |          |          | ļ        |          |                       |          |                                                  |              | ]            |             |               | !                                                |         |      |              |               | i I          |           |
| L           |                | <u> </u> | <u> </u> |          | <u></u>  | <u></u>  | <u> </u> |                       | <u> </u> | <u> </u>                                         | L            |              |             |               |                                                  |         |      | L            |               |              |           |
| Element (X) |                | Σχ2      | 2011     |          | žχ       |          | X'       | <b>7</b> <sub>x</sub> | -        | No. Ol                                           |              |              | <del></del> |               |                                                  |         |      | Temperat     |               |              |           |
| Rel. Hum.   | 1              | 2334     | 3311     | <u> </u> | 6387     | 21       | 67.2     | 23.3                  | 14       | 243                                              |              | ≤ 0          | F           | ± 32 F        | ≥ 67                                             |         | 73 F | ≥ 80 F       | × 93 I        |              | otal      |
| Dry Bulb    |                |          | 1498     |          | 3238     | 16       | 54.2     | 11.6                  | 97       | 244                                              |              |              |             |               | 106                                              |         | 37.0 | 7.           | 2             | •1           | 672       |
| Wet Bulb    |                | 2928     | 4333     | 1        | 1760     | 49       | 48.2     | 10.2                  | 97       | 243                                              |              |              |             | 44,4          |                                                  |         |      |              |               |              | 672       |
| Dew Point   |                | 4683     | 9227     | 1        | 0172     | 23       | 41.7     | 13,4                  | 59       | 243                                              | 94           |              | •4          | 179.5         | 4.                                               | . 2     |      |              |               |              | 672       |
|             |                |          |          |          |          |          |          |                       |          |                                                  |              |              |             |               | <u>.</u>                                         |         |      |              |               |              |           |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RANDOLPH AFB TEXAS/SAN ANTONIO
STATION NAME

#### **PSYCHROMETRIC SUMMARY**

PAGE 1 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 100/ 99 98/ 97 96/ 95 .0 6 94/ 93 • 0 11 92/ 91 .0 . 0 .0 .0 40 40 90/ 89 36 88/ 87 86 • 0 86 86/ 85 . 0 145 145 84/ 83 ,0 .1 .1 .1 .1 .0 273 273 82/81 358 353 80/ 79 • 0 526 526 78/ 77 433 • 0 533 75 76/ • 6 .0 • 0 800 800 • 1 74/ 73 942 942 32 • 0 72/  $\overline{71}$ •4 •5 . 8 • 3 • 6 1146 1146 160 6 1.7 70/ 69 1.0 • 3 150 1.0 .0 1687 1697 726 67 1.8 68/ 4 ج 1.8 . 6 . 2 .1 1883 1883 1405 566 66/ 65 1.6 1879 1879 1867 1183 2.0 1753 64/ 63 1.3 1734 1735 1499 62/ 61 1.8 1.1 1600 1600 1743 1588 60/ 59 1.7 1671 1672 1717 1561 58/ 57 1.4 1517 1517 1682 1363 1.0 • 6 55 56/ 1.2 .8 1375 1377 1645 1420 54/ 53 . 2 . 2 1218 1218 1.0 1.0 • 6 . 0 1566 .6 1132 51 52/ •6 •5 • 8 • 6 .0 1085 1035 1570 1055 1065 1065 1555 1100 50/ 49 48/ 47 • C 917 917 1492 1023 791 46/ 45 791 1517 1144 441 43 .6 645 646 1250 1027 42/ 41 554 554 1093 1149 .1 40/ 39 430 430 868 1116 •4 762 1043 38/ 37 330 330 36/ 35 •1 222 222 573 1124 34/ 33 356 970 • 0 Element (X) ZX2 ΣX ø, No. Obs. Mean No. of Hours wit . Temperature Rel. Hum. ± 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb Wet Bulb Dew Point

39-45,47-75

9477.5432

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE

NO.

AC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| DATA | PROCESS | SING | BRANCH   |
|------|---------|------|----------|
| USAF | ETAC    |      |          |
| AIR  | WEATHER | SERV | /ICE/MAC |

RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME

12911 STATION

|                    |     |              |                                                  |                                                  |                                                  |     |                                                  |            |              |          |                |          |              |                                                  |         |         |                                                  | PAGE           |             | HOURS ( | L. S. T.)                                        |
|--------------------|-----|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-----|--------------------------------------------------|------------|--------------|----------|----------------|----------|--------------|--------------------------------------------------|---------|---------|--------------------------------------------------|----------------|-------------|---------|--------------------------------------------------|
| Temp.              |     |              |                                                  |                                                  | ·                                                |     | BULB                                             |            |              |          |                |          |              |                                                  |         |         |                                                  | TOTAL          |             | TOTAL   |                                                  |
| (F)                | 0   | 1 - 2        | 3 - 4                                            | 5-6                                              | 7 - 8                                            |     |                                                  | 13 - 14    | 15 - 16      | 17 - 18  | 19 - 20        | 21 - 22  | 23 - 24      | 25 - 26                                          | 27 - 28 | 29 - 30 | ≥ 31                                             | D.B./W.B.      |             |         |                                                  |
| 32/ 31             | • 0 |              | • 1                                              | • ]                                              |                                                  | •0  | 1                                                |            |              |          |                |          |              |                                                  | -       |         |                                                  | 83             | 83          |         |                                                  |
| 30/ 29             |     | •0           |                                                  | • 1                                              |                                                  |     |                                                  |            |              |          |                |          |              |                                                  |         |         | !<br>+                                           | 46             | 45          |         |                                                  |
| 28/ 27             |     | •0           |                                                  | •                                                |                                                  |     | <b>!</b>                                         |            |              |          |                |          |              | 1                                                |         |         |                                                  | 31             | 31          | 82      |                                                  |
| 26/ 25             |     | •0           |                                                  |                                                  |                                                  |     |                                                  |            |              |          |                |          | <u> </u>     |                                                  |         |         | ļ                                                | 14             | 14          |         |                                                  |
| 24/ 23             |     | •0           |                                                  |                                                  |                                                  |     |                                                  |            |              |          |                |          |              |                                                  |         |         |                                                  | 17             | 17          |         | 41                                               |
| 22/ 21<br>20/ 19   |     | •0           | •0                                               | ٠٥                                               | <del>' </del>                                    |     |                                                  |            |              |          |                |          |              |                                                  |         |         |                                                  | 5              | 5           | 22      |                                                  |
| 18/ 17             |     |              |                                                  |                                                  | ł                                                |     |                                                  |            |              |          |                |          |              |                                                  | l       |         | ļ                                                |                |             | 3       | 25<br>21                                         |
| 16/ 15             |     | <del> </del> |                                                  |                                                  | <del> </del>                                     |     |                                                  |            |              |          |                |          |              | <del> </del>                                     |         |         | <del> </del>                                     |                |             |         | 16                                               |
| 14/ 13             |     | İ            |                                                  |                                                  | ŀ                                                |     |                                                  |            |              |          | }              |          |              |                                                  | l       |         |                                                  |                |             |         | 1 12                                             |
| 12/ 11             |     | <del> </del> |                                                  |                                                  | <del> </del>                                     |     |                                                  |            |              |          |                | -        |              | 1                                                |         |         | <del> </del>                                     | <del> </del> - |             |         | 12                                               |
| 10/ 9              |     |              |                                                  |                                                  |                                                  |     |                                                  |            |              |          |                |          |              | 1 1                                              | ļ       |         |                                                  |                |             |         | 3                                                |
| 8/ 7               |     |              | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> |     |                                                  |            |              |          | <del></del>    |          |              | 1                                                |         |         | <del> </del>                                     |                |             |         | 1                                                |
| 6/ 5               |     | İ            | İ                                                |                                                  | l                                                |     |                                                  |            |              |          |                |          |              |                                                  | - 1     |         |                                                  |                |             |         | ľ                                                |
| 4/ 3               |     |              |                                                  | <del>                                     </del> | T                                                |     |                                                  |            |              |          |                |          |              |                                                  |         |         | <del> </del> -                                   | rt             |             |         | <del>                                     </del> |
| 2/ 1               |     |              |                                                  | İ                                                | 1                                                |     |                                                  |            |              |          |                |          |              |                                                  | ļ       |         |                                                  |                |             |         |                                                  |
| 0/ -1              |     |              |                                                  |                                                  |                                                  |     |                                                  |            |              |          |                |          |              |                                                  |         |         | <u> </u>                                         |                |             |         |                                                  |
| -2/ -3             |     |              |                                                  |                                                  | <u> </u>                                         |     |                                                  |            |              |          |                |          |              |                                                  |         |         |                                                  |                |             |         |                                                  |
| <del>~6/ ·-7</del> |     | ١            |                                                  | <u> </u>                                         | L                                                |     |                                                  |            | ١            | i        |                |          |              |                                                  |         |         |                                                  |                |             |         |                                                  |
| DTAL               | 3.2 | 19.4         | 18.3                                             | 13.1                                             | 10.7                                             | 9.1 | 7.4                                              | 5.9        | 4.4          | 3.1      | 2.3            | 1.4      | .9           | .5                                               | • 2     | • 1     |                                                  | L              | 25947       |         | 2594                                             |
|                    |     |              | ļ                                                |                                                  |                                                  |     | 1 .                                              |            |              |          |                |          |              | ļ. l                                             |         |         |                                                  | 25942          |             | 25943   |                                                  |
|                    |     |              | <del> </del>                                     |                                                  |                                                  |     | <del> </del>                                     |            |              |          |                |          |              |                                                  |         |         |                                                  |                |             |         |                                                  |
|                    |     |              |                                                  |                                                  |                                                  |     |                                                  |            |              |          |                |          |              |                                                  |         |         |                                                  |                |             |         |                                                  |
|                    |     | <b></b>      |                                                  | <del> </del>                                     | ├──                                              |     | <del>                                     </del> |            |              | -        | <del> </del> - | -        | _            | -                                                |         |         | <del> </del> -                                   |                |             |         |                                                  |
|                    |     |              |                                                  |                                                  | i                                                |     |                                                  |            |              |          | 1              |          |              |                                                  |         |         |                                                  |                |             |         |                                                  |
|                    |     |              | <del> </del>                                     |                                                  | <del>                                     </del> |     |                                                  |            | <del> </del> |          |                |          |              | <del>                                     </del> |         |         | ╁╌—                                              |                |             |         |                                                  |
|                    |     |              |                                                  |                                                  | 1                                                |     |                                                  |            |              |          |                |          |              |                                                  |         |         | İ                                                |                |             |         |                                                  |
|                    |     |              |                                                  | <del>                                     </del> | <del> </del>                                     |     | h                                                |            |              |          | ├ <i></i> -    |          |              |                                                  |         |         | <del> </del>                                     | <del>  </del>  |             |         |                                                  |
|                    |     |              |                                                  |                                                  | 1                                                |     |                                                  |            |              |          |                |          |              |                                                  |         |         |                                                  |                |             |         |                                                  |
|                    |     | 1            | 1                                                |                                                  |                                                  |     |                                                  |            |              |          | <u> </u>       |          |              |                                                  |         |         | <del>                                     </del> |                |             |         |                                                  |
|                    |     | <u> </u>     |                                                  |                                                  |                                                  |     |                                                  |            |              |          |                |          |              |                                                  |         |         |                                                  |                |             |         |                                                  |
|                    |     |              |                                                  |                                                  |                                                  |     |                                                  |            |              | <u> </u> | l              | <u> </u> |              |                                                  |         |         |                                                  |                |             |         |                                                  |
|                    | ·   |              |                                                  |                                                  |                                                  |     |                                                  |            |              | <u> </u> |                |          |              |                                                  |         |         |                                                  |                | ·           |         |                                                  |
| Element (X)        |     | Σχ2          |                                                  |                                                  | Σχ                                               |     | X                                                | <b>"</b> x |              | No. OL   |                |          |              |                                                  |         |         |                                                  | h Temperat     | <del></del> |         |                                                  |
| Rel. Hum.          |     | 2052         |                                                  |                                                  | 6643                                             | 71  | 64.2                                             | 23.0       | 15           | 259      | 42             | 2 0      | F            | ≤ 32 F                                           | ≥ 67    |         | 73 F                                             | ≥ 80 F         | e 93 I      |         | Total                                            |
| Dry Bulb           |     | 9925         |                                                  |                                                  | 5759                                             |     | 60.7                                             | 11.6       | 73           | 259      |                |          | _            |                                                  | 246     |         |                                                  |                | 2           | .6      | 74                                               |
| Wet Bulb           |     | 7660         |                                                  |                                                  | 3846                                             |     | 53.4                                             | 10.2       | 06           | 259      |                |          |              | 17.4                                             |         |         | 1.1                                              | ļ              |             |         | 74                                               |
| Dew Point          |     | 6109         | 3336                                             | 1 1                                              | 2068                                             | 98  | 46.5                                             | 13.8       | 15           | 259      | 45             |          | <u>. 2 1</u> | 35,5                                             | 20      | • 7     |                                                  | L              |             | L_      | 74                                               |

| STATION          |            |       | PH A  |             | ATION N       |        |         |              |          | <del></del> | <u>45,4</u> |         |                | Y                                                | ARS      |         |                |                      |              | MO       | P R                                              |
|------------------|------------|-------|-------|-------------|---------------|--------|---------|--------------|----------|-------------|-------------|---------|----------------|--------------------------------------------------|----------|---------|----------------|----------------------|--------------|----------|--------------------------------------------------|
|                  |            |       |       |             |               |        |         |              |          |             |             |         |                |                                                  |          |         |                | PAG                  | E 1          | HOURS    | LL<br>ic. s.                                     |
| Temp.            |            |       |       |             |               |        |         |              |          |             | SSION (     |         |                |                                                  |          |         |                | TOTAL                |              | TOTAL    |                                                  |
| (F)              | 0          | 1 - 2 | 3 - 4 | 5-6         | 7 - 8         | 9 - 10 | 11 - 12 | 13 - 14      | 15 - 16  | 17 - 18     | 19 - 20     | 21 - 22 | 23 - 24        | 25 - 26                                          | 27 - 28  | 29 - 30 | ≥ 31           | D.B. W.B.            | Dry Bulb     | Wet Bulb | Dew                                              |
| 98/ 97           |            |       |       |             |               |        |         |              |          |             |             |         |                |                                                  |          |         | •0             | i                    | 7            | İ        |                                                  |
| 96/ 95<br>94/ 93 |            |       |       |             |               |        |         | <u> </u>     | <u> </u> |             |             | • 0     |                | <u> </u>                                         | • C      |         | •0             |                      | 4            | <u> </u> | ↓_                                               |
| 92/ 91           |            |       |       |             |               |        |         |              | ١,       | ,           | • 0         | •0      |                | 1 .                                              |          | •0      |                |                      | 38           |          |                                                  |
| 90/ 89           |            |       |       |             |               |        | •0      | .0           | •0       |             |             | • 1     | • 0            |                                                  | • C      | •0      |                | 92<br>177            | 92<br>177    |          | -                                                |
| 88/ 87           |            |       | İ     |             |               |        | .0      |              | .2       | 1 -         | . 2         | . 1     | 1              |                                                  |          | .1      |                |                      | 297          |          | -                                                |
| 86/ 85           |            |       |       | <del></del> |               | -, ĩ   | . 2     |              | . 5      | .3          | • 2         | • 2     |                |                                                  | •1       | • 0     |                | 537                  | 537          |          | ┼                                                |
| 847.83           |            |       | - 1   | • 0         | • C           | _      | .5      |              | .3       |             |             | 1       | i              | i                                                | 1        | .0      | 1              | 564                  | 254          | 1        |                                                  |
| -82/ 81          |            |       |       | .1          | • 4           |        |         |              |          |             | • 2         | • 2     |                |                                                  | •0       | • •     |                | 966                  | 966          |          | <del>                                     </del> |
| 80/ 79           |            |       | 1     | . 2         | . 9           | 1.0    |         | .5           |          |             |             | . 3     |                |                                                  |          |         |                | 1289                 |              |          |                                                  |
| 78/ 77           |            | •0    | • 1   | • 7         | 1.2           |        |         | • 3          | • 3      | ,3          | . 3         | • 2     |                |                                                  |          |         |                | 1274                 | 1274         | 6        | ,                                                |
| 7761. 75         |            | • 1   | .7    | 1.6         | 1.1           | .8     |         |              |          | .4          | . 3         | .1      | • 1            | . 0                                              |          |         |                | 1630                 | 1639         | 92       |                                                  |
| 74/ 73           |            | • 7   | 2.0   | 1.8         | • 8           | • 6    |         |              |          | .3          | • 2         | • 1     | • 0            |                                                  |          |         |                | 1943                 | 1944         | 574      |                                                  |
| 727 '71          | - 1        | 2.0   | 3.0   | 1.4         | .7            | •3     | •4      |              | .4       |             | . 2         | .1      | .0             | +                                                |          |         | <u> </u>       | 2407                 | 2408         |          |                                                  |
| 70/ 69<br>68/ 67 | • 3<br>• 3 | 3.2   | 3.2   | 1.2         | • 6           |        |         |              |          |             |             | • 1     | •0             |                                                  |          |         | 1              | 2726                 | 2726         |          |                                                  |
|                  | <u></u> 3  |       | 2.4   | • 8<br>• 7  | • 5           | • 4    | •4      | .3           | •3       | .2          | - 1         | - 0     |                |                                                  |          |         | <u> </u>       | 2185                 | 2195         |          |                                                  |
| 64/63            | .3         | 2.2   | 1,1   | .5          | • 4<br>• 5    | • 4    | .3      | .3           |          |             | •1          | •0      |                | 1                                                |          |         | {              | 2019                 | 2020         |          |                                                  |
| 62/ 61           | .3         | 1.6   |       | 5           | • 4           |        | •4      |              | • 1      | .0          |             |         | <del>  -</del> |                                                  |          |         | <del> </del> - | 163 <u>2</u><br>1317 | 1632<br>1318 | 2352     |                                                  |
| 60/ 59           | 2          | 1.3   | . 8   | .5          | . 5           | . 5    | . 3     |              | .1       | .0          |             |         |                | !                                                |          |         | l              | 1181                 | 1181         |          |                                                  |
| 2587 57          | , 2        | 1.1   | .6    | •6          | • 6           | • 4    | .3      | •1           | •0       |             |             |         |                | <b> </b>                                         |          |         |                | 1017                 | 1017         | 1590     |                                                  |
| 56/ 55           | 1          | .7    | . 5   | . 5         | • 5           | .3     | . 2     | . 1          | .0       |             |             |         |                |                                                  |          |         | į              | 766                  | 766          | 1        |                                                  |
| 547 53           | • 1        | .6    | • 5   | •4          | •4            |        | • 2     | .0           | •0       |             |             |         |                |                                                  |          |         |                | 633                  | 633          | 1231     |                                                  |
| \$27.51          | . 1        | . 4   | - 4   | • 4         | . 3           | . 2    | .0      |              |          |             |             |         |                |                                                  |          |         | l              | 465                  | 465          |          |                                                  |
| 50/ 49           | •0         | . 3   | • 3   | • 3         | • 3           | •1     | •0      |              | 1        |             |             |         |                |                                                  |          |         |                | 366                  | 367          | 971      |                                                  |
| 48/47            | •0         | 2     | - 2   | • 2         | - 1           | .0     | •0      |              |          |             |             |         |                | <u> </u>                                         |          |         |                | 241                  | 241          | 911      |                                                  |
| 46/ 45           | • 0        | . 3   | • 2   | • 21        | • 1           | •0     |         |              |          |             |             |         | 1              |                                                  | ļ        |         |                | 165                  | 165          | 574      | 1                                                |
| 44/ 43           | -0         | - • - | • 2   | - <u>1</u>  | **            | • 0    |         | <del> </del> |          | !           |             | ļ       | <del> </del>   |                                                  | <u> </u> |         |                | 107                  | 127          | 406      |                                                  |
| 40/ 39           | ٠٠         | .1    | • 1   | :1          | •0            |        |         |              |          |             |             |         |                |                                                  |          |         |                | 98                   | 98           | 286      |                                                  |
| 38/ 37           |            | • 1   | •0    | •0          | •0            |        |         |              |          |             |             | _       |                | <del>                                     </del> |          |         | <b> </b> -     | 7 <u>2</u><br>49     | 72<br>51     | 193      |                                                  |
| 36/ 35           |            | ō     | .0    | .0          | 5             |        |         |              |          |             |             |         |                |                                                  |          |         |                | 25                   | 25           |          |                                                  |
| 34/ 33           |            | •0    | • C   |             | <del>``</del> |        |         |              |          |             |             |         |                | <del> </del>                                     |          |         |                | <u></u>              | 7            | 44       |                                                  |
| 32/ 31           |            |       |       |             | İ             |        |         |              |          |             |             |         | Ì              |                                                  |          |         | <b>\</b>       |                      | '            | 25       | ١.                                               |
| Element (X)      |            | Σχ²   |       |             | tχ            |        | X       | <b>₹</b>     |          | No. Ob      | s.          |         |                |                                                  | Mean 1   | o. of H | ours with      | Temperat             | ure          | <u> </u> |                                                  |
| Rel. Hum.        |            |       |       |             |               |        |         |              |          |             |             | ⊴ 0     | F              | 32 F                                             | ≥ 67     |         | 73 F           | ≥ 80 F               | ≥ 93 !       | F        | Tota                                             |
| Dry Bulb         |            |       |       |             |               |        |         | L            |          |             |             |         |                |                                                  |          |         |                |                      |              |          |                                                  |
| Wet Bulb         |            |       |       |             |               |        |         |              |          |             |             |         |                |                                                  |          |         |                |                      |              |          |                                                  |
| Dew Point        |            |       |       |             |               | - 1    |         | 1            | - 1      |             | - 1         |         | - 1            |                                                  | 1        | 1       |                |                      | 1            | 1 -      |                                                  |

| 12911<br>STATION |                                                  | NDOL           |                                                  |                | TATION N                                         |              |                                                  |                                                  |                                                  | <u>, , , , , , , , , , , , , , , , , , , </u>    | 45,4                                             | <u> </u> |                                                   | ٧٤      | AR5            |         |              |           |             |             | PR       |
|------------------|--------------------------------------------------|----------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|---------------------------------------------------|---------|----------------|---------|--------------|-----------|-------------|-------------|----------|
|                  |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              | PAG       | € 2         | HOURS (     | <u>L</u> |
| Temp.            |                                                  |                |                                                  |                |                                                  | WET          | BULB                                             | TEMPE                                            | RATURE                                           | DEPRE                                            | SSION (                                          | F)       |                                                   |         |                |         |              | TOTAL     |             | TOTAL       | _        |
| (F)              | 0                                                | 1 - 2          | 3 - 4                                            | 5-6            | 7 - 8                                            | 9 - 10       | 11 - 12                                          | 13 - 14                                          | 15 - 16                                          | 17 - 18                                          | 19 - 20                                          | 21 - 22  | 23 - 24                                           | 25 - 26 | 27 - 28        | 29 - 30 | ≥ 31         | D.B./W.B. | Dry Bulb    |             |          |
| 30/ 29           |                                                  |                |                                                  |                | 1                                                | 1            | l                                                |                                                  |                                                  | 1                                                |                                                  |          |                                                   |         |                |         |              |           |             | 13          |          |
| 28/ 27           |                                                  | <u> </u>       |                                                  | <u> </u>       | ļ                                                | ļ            | <u> </u>                                         | <u> </u>                                         | ļ                                                |                                                  |                                                  |          |                                                   |         |                |         |              |           |             | 1           | Ļ        |
| 26/ 25<br>24/ 23 |                                                  |                |                                                  | 1              |                                                  |              | 1                                                | 1                                                |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             | l        |
| 22/ 21           |                                                  | <del> </del> - |                                                  |                | <del> </del>                                     | <del> </del> |                                                  |                                                  | <del> </del>                                     | <u> </u>                                         |                                                  |          |                                                   |         |                |         |              |           |             |             | ├-       |
| 20/ 19           |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  |                                                  |                                                  |                                                  |          | İ                                                 |         |                |         |              |           |             |             |          |
| 18/ 17           |                                                  | -              | <del> </del>                                     | <del> </del> - | <del>                                     </del> | 1-           | <del> </del>                                     | <del> </del>                                     |                                                  | <del> </del>                                     | <del> </del>                                     |          |                                                   |         |                |         |              |           |             |             | $\vdash$ |
| 16/ 15           |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  |                                                  | 1                                                |                                                  |          |                                                   |         |                |         |              | l l       |             |             |          |
| .14/ 13          |                                                  | <u> </u>       |                                                  |                |                                                  | T            | <del> </del>                                     | 1                                                | <u>†                                      </u>   |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             | i        |
| 12/ 11           |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  | <u> </u>                                         |                                                  |                                                  |          |                                                   |         |                |         |              |           | _           |             |          |
| .10/ 9           |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             |          |
| TOTAL            | 2.3                                              | 20.1           | 19.3                                             | 13.0           | 10.3                                             | 8.4          | 7.3                                              | 5.6                                              | 4.4                                              | 3.3                                              | 2.5                                              | 1.5      | 1.0                                               | • 5     | وَ •           | . 2     |              |           | 26412       |             | 26       |
|                  |                                                  | ĺ              | 1                                                |                |                                                  |              | j                                                |                                                  |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              | 26405     |             | 76405       | 1        |
|                  |                                                  |                | <del> </del> -                                   |                | <del> </del>                                     | ├            |                                                  |                                                  | <b>├</b> ─                                       | <del> </del>                                     |                                                  | -        |                                                   |         |                |         |              |           |             |             | ├-       |
|                  |                                                  |                |                                                  | 1              | }                                                | 1            |                                                  |                                                  | 1                                                |                                                  | ļ                                                |          |                                                   |         |                |         |              |           |             |             | 1        |
|                  |                                                  | <del> </del>   | <del> </del>                                     |                | <del> </del>                                     | ·            | -                                                |                                                  | <del>                                     </del> | <del>                                     </del> |                                                  |          |                                                   |         |                |         |              |           |             |             | ├-       |
|                  |                                                  |                |                                                  |                |                                                  |              |                                                  | 1                                                |                                                  |                                                  |                                                  |          |                                                   |         | i              |         |              |           |             |             |          |
|                  |                                                  | <b></b>        | <b></b>                                          | -              |                                                  | <b>†</b>     | <del>                                     </del> |                                                  |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             | 1        |
|                  |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             | ļ        |
|                  | 1                                                |                |                                                  | Π              |                                                  |              |                                                  |                                                  |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             | Γ        |
|                  |                                                  |                | <u></u>                                          |                |                                                  |              |                                                  | L                                                |                                                  | <u> </u>                                         |                                                  |          |                                                   |         |                |         |              |           |             |             | L        |
| ř ž              |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             |          |
|                  | 4                                                | <b></b>        | <b> </b>                                         | <u> </u>       |                                                  |              | <b> </b> -                                       | <del> </del>                                     |                                                  | <u> </u>                                         |                                                  |          |                                                   |         |                |         |              |           |             |             | ├        |
|                  |                                                  |                |                                                  | 1              |                                                  |              |                                                  | 1                                                |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             |          |
| and the second   | · · ·                                            | <del> </del>   | -                                                | -              | <del> </del>                                     | <del> </del> |                                                  |                                                  | <del> </del> -                                   |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             | -        |
|                  |                                                  |                | 1                                                |                |                                                  |              |                                                  | 1                                                |                                                  |                                                  |                                                  |          |                                                   |         |                |         |              |           |             |             |          |
|                  |                                                  |                | <del>                                     </del> | 1              | <del>                                     </del> | <b>†</b>     |                                                  | <del>                                     </del> |                                                  |                                                  | <del>                                     </del> |          |                                                   |         |                |         |              |           |             |             | 1-       |
|                  |                                                  |                |                                                  |                |                                                  |              |                                                  |                                                  | 1                                                |                                                  |                                                  |          |                                                   |         |                |         |              |           |             | l           |          |
| 5 7-57           |                                                  | 1              |                                                  |                |                                                  |              |                                                  | <u> </u>                                         |                                                  | Ţ                                                |                                                  |          |                                                   |         |                |         |              |           |             |             | Π        |
|                  |                                                  |                | <u> </u>                                         | <u> </u>       | <u> </u>                                         |              |                                                  | <u> </u>                                         | <u> </u>                                         | <u> </u>                                         |                                                  |          |                                                   |         |                |         |              |           |             |             | L.       |
|                  |                                                  |                |                                                  | 1              |                                                  |              |                                                  | i                                                |                                                  |                                                  | 1                                                |          |                                                   |         |                |         |              |           |             |             |          |
| 1.00             |                                                  | <u> </u>       | <u></u>                                          |                | Į                                                |              |                                                  | <del> </del>                                     | ┸-,-                                             | <u>L </u>                                        | <u>!</u>                                         |          |                                                   |         | لبسيا          |         |              | لسيا      |             | <u> </u>    |          |
| Rel. Hum.        | <del> </del> ,                                   | 2x'            | 0000                                             |                | z <sub>x</sub><br>17913                          | 122          | X 67 6                                           | 21.6                                             |                                                  | No. 01                                           |                                                  | 10       |                                                   | 32 F    | Mean N<br>≥ 67 |         |              | * 80 F    | or≥<br>≥ 93 |             | Tota     |
| Dry Bulb         |                                                  | 2656           | 7515                                             |                | 8102                                             | 204          | 68-                                              | 9.7                                              | 32                                               | 264                                              |                                                  | 2 ()     | <del>-                                     </del> | : 32 F  | 442            |         | 73 F<br>43.4 |           |             | .3          | 1016     |
| Wet Bulb         |                                                  | 0047           | 8615                                             | ;              | 6134                                             | 69           |                                                  | 8.4                                              |                                                  | 264                                              |                                                  |          | <del>- -</del>                                    | 1.1     | 237            |         | 18.3         |           | <del></del> | •1          |          |
| Dew Point        | <del>                                     </del> |                | 7823                                             |                | 472                                              |              | 55 5                                             | 11.7                                             | 20                                               | 264                                              |                                                  |          |                                                   | 32.7    |                |         | 1.6          |           |             | <del></del> |          |

## **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA          | <u>มอกน</u> | PH A  |              | EXAS                                    |                | ANT      | מואח         |            | 3A-      | 75       |         |         | YF      | ARS           |            |      |             |          | <u>4</u>      | AY              |
|------------------|-------------|-------------|-------|--------------|-----------------------------------------|----------------|----------|--------------|------------|----------|----------|---------|---------|---------|---------------|------------|------|-------------|----------|---------------|-----------------|
|                  |             |             |       | •            |                                         |                |          |              |            |          |          |         |         |         |               |            |      | PAG         | E 1      |               | LL<br>L. S. T.) |
| Temp.            |             |             |       |              |                                         | WET            | BULB     | FEMPER       | ATURE      | DEPRE    | SSION (  | F)      |         |         |               |            |      | TOTAL       | l        | TOTAL         |                 |
| (F)              | 0           | 1 - 2       | 3 - 4 | 5 - 6        | 7 - 8                                   | s • 10         | 11 - 12  | 13 - 14      | 15 - 16    | 17 - 18  | 19 - 20  | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28       | 29 - 30    | ≥ 31 | D.B./W.B.   | Dry Bulb |               | Dew Point       |
| 102/101          |             |             |       |              |                                         |                |          |              |            |          |          |         |         |         |               | .0         | • C  | 2           | 2        |               |                 |
| 100/ 99          |             |             |       |              |                                         |                |          |              |            |          |          |         | ن و     | •0      | • 0           | • 0        |      | 7           | <u> </u> |               |                 |
| 98/ 97           |             |             |       |              |                                         |                |          |              |            |          | •0       | • 0     | ٠ )     | • 0     | • 0           | .0         |      | 16          |          |               |                 |
| 96/ 95           |             | <u> </u>    |       |              |                                         |                |          |              |            |          | .1       | -1      | • 0     | •0      |               | • 0        |      | 48          |          |               |                 |
| 94/ 93           |             |             |       |              |                                         | _              | _        | •0           | i .        |          | • 2      | • 2     | • 1     | •0      | • 0           | • 0        | •0   |             |          |               |                 |
| 92/ 91           |             |             |       |              |                                         | •0             | • 0      |              |            | . 4      | • 3      | - • 1   |         | •0      | - 01          | <u>• 0</u> | •0   |             | 345      | <b> </b> -    | <u> </u>        |
| 88/ 87           |             |             |       |              | •0                                      | • 0            | • 2      | •4           |            |          | .4<br>.3 | .2      | • 1     | •0      | • 0           | •0         |      | 711<br>1048 |          |               | ĺ               |
| 86/ 85           |             |             |       | •0           | •1                                      |                |          | 1.3          | 1.0<br>1.0 |          | .3       | • 1     | •1      | •0      | •0            | •0         |      | 1370        |          | <del> </del>  |                 |
| 84/ 83           |             | ]           | • 0   |              | .4                                      | 1.2            | 1.2      |              |            | .4       | . 2      | . 2     | i       | •0      | • "           | - 1        |      | 1575        |          | 1             |                 |
| 82/ 81           |             |             | • 1   | • 4          | .9                                      | 1.3            | 1.2      | .9           |            |          | •2       | •1      | •0      | •0      |               |            |      | 1574        |          |               |                 |
| 80/ 79           |             | .0          | . 4   |              | 1.4                                     |                |          |              |            | .2       | .1       | . 1     | .0      | •0      | i I           |            |      | 1981        |          |               | 1               |
| 78/ 77           | .0          | . 2         |       | 1.6          |                                         | 1.1            | •6       |              |            |          | .1       | •0      | •0      |         |               | T          |      | 2070        | 2072     |               |                 |
| 76/ 75           | .0          | 1.3         | 2.9   | 2.5          | 1.5                                     | . 7            | . 4      | .3           | . 2        | ,1       | •0       | •0      |         |         |               |            |      | 2733        | 2735     | 1271          | 172             |
| 74/ 73           | • 1         | 2.4         | 3.7   | 2.2          | • 9                                     | .5             | .3       | •1           | • 1        | •1       | .0       | • 0     |         |         |               | •0         |      | 2869        | 2869     |               | 891             |
| 72/ 71           | . 2         |             |       | 1.6          | • 7                                     | .4             | • 3      | • 2          |            | .1       | • 0      |         |         |         |               |            |      | 2745        |          |               | 5550            |
| 70/ 69           | . 2         | 3.0         |       | 1.1          | • 6                                     | • 3            | • 2      | • 4          | _          | .0       | .0       |         |         |         |               | - 1        |      | 2431        |          |               | 3410            |
| 68/ 67           | • 2         |             |       |              | • 4                                     | • 3            | • 2      | • 1          | •0         |          | •0       |         |         |         |               |            |      |             | 1705     |               | 4090            |
| 66/ 65           | • 2         |             | 1.6   | • 6          |                                         | • 2            | • 1      | •1           | •0         |          |          |         |         |         |               |            |      | 1366        |          |               | 3796            |
| 62/ 61           | <u>·2</u>   |             | 1.0   | • 5          | •2                                      | • 2            | •1       | • 0          |            |          |          |         |         |         | <del>  </del> |            |      | 982         | 982      |               | 3267            |
| 60/ 59           | •1          |             |       | .3           | . 2                                     | •1             | •0       |              |            |          |          |         |         |         |               | 1          |      | 615         | 615      |               |                 |
| 58/ 57           | ••          | • 6         | • 4   | • 2          | .1                                      | • 1            | •0       |              |            |          |          |         |         |         |               |            |      | 303         | 303      |               | 1699<br>1283    |
| 56/ 55           | .0          |             | .1    | .1           | .1                                      | .0             | •0       |              |            |          |          | ļ       |         |         |               | ļ          |      | 173         | 173      |               | 928             |
| 54/ 53           | •0          |             | • 1   | • 1          |                                         | •0             | •        |              |            |          |          |         |         |         |               |            |      | 103         | 103      |               | 783             |
| 52/ 51           | .0          |             | . 1   | ·G           |                                         |                |          |              |            |          |          |         |         |         |               |            |      | 58          | 58       |               |                 |
| 50/ 49           | <del></del> | •0          | •1    | •0           |                                         |                |          |              |            |          |          |         |         |         |               |            |      | 43          | 43       |               |                 |
| 48/ 47           |             | .0          | .1    | •0           | •0                                      |                |          | į į          |            |          |          |         |         |         |               | -          |      | 29          | 29       |               | 373             |
| 46/ 45           |             | •0          | •0    |              |                                         |                |          |              |            |          |          |         |         |         |               |            |      | 8           |          |               | 328             |
| 44/ 43           |             |             | •0    |              |                                         |                |          |              |            |          |          |         |         |         |               |            |      | 1           | 1        | 29            |                 |
| 42/ 41           |             |             |       |              |                                         |                |          |              |            |          |          |         |         |         |               |            |      |             |          | 3             | 173             |
| 40/ 39           |             | <b>.</b>    |       |              |                                         |                |          |              |            |          |          |         |         |         |               |            |      |             |          |               | 125             |
| 38/ 37           |             |             |       |              |                                         |                |          |              |            | '        |          |         |         |         |               | l          |      | ļ           | İ        | !             | 74              |
| 36/ 35           |             |             |       |              | لــــــــــــــــــــــــــــــــــــــ | لسببا          |          |              | <u> </u>   | <u> </u> | Ļ        |         |         |         |               |            |      | L           | L        |               | 55              |
| Element (X)      |             | Σχ'         |       | ļ            | z <sub>X</sub>                          |                | <u> </u> | <u>",</u>    |            | No. Ob   | 5.       |         |         |         |               |            |      | Tempera     |          |               |                 |
| Dry Bulb         |             |             |       |              |                                         | <del>-i-</del> |          | <b> </b> -   |            |          |          | ± 0 F   |         | 32 F    | ≥ 67          | -   -      | 73 F | ≥ 80 F      | 2 93     | F             | Total           |
| Wet Bulb         |             |             |       | <del> </del> |                                         |                |          | <del> </del> |            |          |          |         |         |         | ļ             |            |      |             | -        |               |                 |
| Dew Point        |             |             | -     | <del> </del> |                                         |                |          | <del> </del> |            |          |          |         |         |         |               |            |      |             |          | <del>- </del> |                 |
|                  |             |             |       | L            |                                         |                |          | L            |            |          |          |         |         |         | L             |            |      | L           |          |               |                 |

9477 54321

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFETAC FORM

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

| 12911<br>STATION | RA   | MOOL                                             | PH A                                             | FB T            | EXAS                                             | /SAN                                              | ANT      | 0110     |                                                  | 38-      | 75           |          |         | YE           | ARS     |          |                                                  |           |             |              | Y A S          |
|------------------|------|--------------------------------------------------|--------------------------------------------------|-----------------|--------------------------------------------------|---------------------------------------------------|----------|----------|--------------------------------------------------|----------|--------------|----------|---------|--------------|---------|----------|--------------------------------------------------|-----------|-------------|--------------|----------------|
|                  |      |                                                  |                                                  |                 |                                                  |                                                   |          |          |                                                  |          |              |          |         |              |         |          |                                                  | PACE      | 2           | HOLES        | L L            |
| Temp.            |      | ·                                                |                                                  |                 |                                                  | WET                                               | BULB 1   | EMPER    | ATURE                                            | DEPRE    | SSION (      | F)       |         |              |         |          |                                                  | TOTAL     |             | TOTAL        |                |
| (F)              | 0    | 1 - 2                                            | 3 - 4                                            | 5 - 6           | 7 - 8                                            | 9 - 10                                            | 11 - 12  | 13 - 14  | 15 - 16                                          | 17 - 18  | 19 - 20      | 21 - 22  | 23 - 24 | 25 - 26      | 27 - 28 | 29 - 30  | × 31                                             | D.B. W.B. | Dry Bulb    | Wet Bull     | Dew Por        |
| 34/ 33<br>32/ 31 |      |                                                  |                                                  |                 |                                                  |                                                   |          |          |                                                  | <u> </u> |              |          |         |              |         |          |                                                  |           |             |              | 3              |
| 30/ 29           |      | <del> </del>                                     | ├─                                               |                 |                                                  |                                                   |          |          |                                                  | -        |              |          |         |              |         |          |                                                  |           |             |              | $+\frac{2}{1}$ |
| 28/ 27           |      |                                                  | L                                                |                 |                                                  |                                                   |          |          |                                                  |          |              |          |         |              |         |          |                                                  |           |             |              | li             |
| 6/ 5<br>TOTAL    | 1 /  | 10 2                                             | 21 2                                             | 12 5            | 0 0                                              | 0 6                                               | 7.5      | ۷ 6      | s c                                              |          | 2 7          | , ,      |         | ,            | 3       | ,        |                                                  |           | 27467       |              | 2745           |
| UIAL             | 1.04 | 110.2                                            | 21.5                                             | 1200            | 7.0                                              | 0.0                                               | 7.0      | 0.5      | 3.0                                              | 3.7      | 200          | 103      | •0      | • 3          | • 2     | • 1      | .0                                               | 27450     | 21401       | 2745         |                |
|                  |      |                                                  |                                                  |                 |                                                  | İ                                                 |          |          |                                                  |          |              |          |         |              |         |          |                                                  |           |             |              | 1              |
|                  |      |                                                  | i -                                              |                 |                                                  |                                                   |          |          |                                                  |          |              |          |         |              |         |          |                                                  |           |             |              |                |
|                  |      | <u> </u>                                         | ļ                                                | ļ               | <u> </u>                                         |                                                   |          |          | ļ                                                |          |              |          |         |              |         |          | <u> </u>                                         |           |             | <u> </u>     | <del> </del>   |
|                  |      |                                                  |                                                  | Ì               | l                                                | ĺ                                                 |          |          |                                                  |          |              |          |         |              |         |          | }                                                |           |             |              | j              |
|                  |      | <del>                                     </del> | <del> </del>                                     | <b> </b>        | <del>                                     </del> |                                                   |          |          |                                                  |          | <b></b>      |          |         |              |         |          |                                                  | ii        |             | i            | 1              |
|                  |      | <u> </u>                                         | <u> </u>                                         |                 |                                                  |                                                   | <u></u>  |          |                                                  |          |              |          |         |              | i       |          |                                                  | ļ         |             |              | 1              |
|                  |      |                                                  |                                                  |                 | Ì                                                |                                                   |          |          |                                                  |          |              |          |         |              |         |          | !                                                |           |             |              |                |
|                  |      |                                                  | <del> </del> -                                   | <b> </b>        |                                                  | <del></del>                                       |          |          | <del></del>                                      |          |              |          |         |              |         |          |                                                  |           |             |              | <del> </del>   |
|                  |      |                                                  |                                                  |                 |                                                  |                                                   |          |          | Į                                                |          |              |          |         |              |         |          |                                                  |           |             |              |                |
|                  |      |                                                  |                                                  | <del> </del>    | 1                                                |                                                   |          |          | <del>                                     </del> |          |              |          |         |              |         |          |                                                  |           |             | <u> </u>     | 1              |
|                  |      |                                                  | ļ                                                |                 |                                                  |                                                   |          |          |                                                  |          | <u> </u>     |          |         |              |         |          |                                                  |           |             | <u> </u>     | <u> </u>       |
|                  |      |                                                  |                                                  |                 |                                                  | İ                                                 |          |          |                                                  |          |              |          |         |              |         |          |                                                  |           |             |              |                |
|                  |      | ┼                                                | -                                                | <del> </del>    | <del> </del> -                                   |                                                   | -        |          |                                                  |          | <del> </del> |          |         |              |         |          |                                                  |           |             | <del> </del> | <del> </del>   |
| į                |      |                                                  | 1                                                |                 |                                                  |                                                   |          |          |                                                  |          | İ            |          |         |              |         |          |                                                  |           |             | ļ            |                |
|                  |      |                                                  |                                                  |                 |                                                  |                                                   |          |          |                                                  |          |              |          |         |              |         |          |                                                  |           |             | i            |                |
|                  |      | <del>  </del>                                    | ļ                                                |                 |                                                  |                                                   | ļ        |          |                                                  | <u> </u> |              |          |         |              |         |          |                                                  |           |             | <u> </u>     | Ļ              |
|                  |      |                                                  | İ                                                |                 |                                                  |                                                   |          |          |                                                  |          |              |          |         | ł            |         |          |                                                  |           |             |              |                |
|                  |      |                                                  | $\vdash$                                         | $\vdash \vdash$ | <del>                                     </del> | <del>                                     </del>  |          |          | <del></del>                                      |          | <b></b> -    |          |         | <del> </del> |         |          | <del>                                     </del> |           |             | <del> </del> | +              |
|                  |      |                                                  |                                                  |                 |                                                  |                                                   |          |          |                                                  |          |              |          |         |              |         |          |                                                  |           |             |              |                |
|                  | -    |                                                  |                                                  |                 |                                                  |                                                   |          |          |                                                  |          |              |          |         |              |         |          |                                                  |           |             |              |                |
|                  |      | <del> </del>                                     | <del>                                     </del> | ļ               | <u> </u>                                         | <del> </del>                                      | <u> </u> |          | <u> </u>                                         |          | <u> </u>     | <b> </b> |         | <u> </u>     |         |          | <del> </del>                                     |           |             |              | <del> </del>   |
|                  |      |                                                  |                                                  | 1               |                                                  |                                                   |          |          |                                                  | 1        |              |          |         | 1            |         |          | l                                                |           |             |              | 1              |
| Element (X)      |      | Z <sub>X²</sub>                                  |                                                  | $\vdash$        | ZX                                               | <del>'                                     </del> | X        | <b>₹</b> | <del>'                                    </del> | No. Ol   | s.           |          |         |              | Mean h  | lo. of H | ours with                                        | Temperat  | ur <b>e</b> | L            | Ц              |
| Rel. Hum.        |      | 4603                                             |                                                  | 1               | 9375                                             | 41                                                | 70.6     | 18.3     | 80                                               | 274      |              | ≤ 0 1    | f :     | 32 F         | ≥ 67    |          |                                                  | ≥ 80 F    | ≥ 93        |              | Total          |
| Dry Bulb         |      | 5543                                             |                                                  | 2               | 0538                                             | 18                                                | 74.8     | 8.2      | 34                                               | 274      |              |          | $\perp$ |              |         |          |                                                  | 214.      |             | • 3          | 74             |
| Wet Bulb         |      | 2544                                             |                                                  |                 | 8489                                             | 26                                                | 67.4     | 5.7      | 59                                               | 274      |              |          | -       |              |         |          | 21.6                                             |           | +           |              | 74             |
| Dew Point        |      | 1175                                             | 0120                                             | <u> </u>        | 7397                                             | 18                                                | 63.4     | 1.3      | 2 T                                              | 274      | 20           |          |         | 1.4          | 292     | • 9      | 29.5                                             | <u> </u>  |             |              | 74             |

DATA PROCESSING GRANCH USAF ETAC AIR WEATHER SEFVICE/MAC RANDOLPH AFE TEXAS/SAN ANTONIO

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-3 (OL A)

THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND THE PARTY AND TH

|                |     |     |          |          |           |                        |         |            |         |          |         |         |         |             |                  |             |          | PAGE        |            | HOURS (  | L L<br>s. T.1 |
|----------------|-----|-----|----------|----------|-----------|------------------------|---------|------------|---------|----------|---------|---------|---------|-------------|------------------|-------------|----------|-------------|------------|----------|---------------|
| Temp.          |     |     |          |          |           |                        |         |            |         | DEPRE    |         |         |         |             |                  |             |          | TOTAL       |            | TOTAL    |               |
| (F)            | 0   | 1.2 | 3 - 4    | 5 - 6    | 7 - 8     | 9 - 10                 | 11 - 12 | 13 - 14    | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24 |             |                  | 9 - 30      | ≥ 31     | D.B. W.B.   |            | Wer Bulb | Dew F         |
| 04/103         |     |     |          |          |           |                        |         |            |         |          |         |         | • 0     | • 0         | •0               |             |          | 5           | 5          | Ì        |               |
| 02/101         |     |     |          |          |           |                        |         |            |         |          | .0      |         | •0      | •0          | -0               | <u>• 01</u> | ان و     |             | 12         |          |               |
| 98/ 97         |     |     |          | ĺ        |           |                        |         |            |         |          | • 0     | •0      | • 9     | • 1         | • 1              | • 0         | • 0      |             | 77         |          |               |
| 6/ 95          |     |     |          |          |           |                        |         | •0         | .0      | •0<br>•2 | • i     | •6      | • 3     | • 2         | •0               | •0          |          | 244<br>510  | 246<br>519 |          |               |
| 4/ 93          |     |     |          |          |           | •0                     | •0      |            | .4      |          | 1.1     | .7      | 2       | • 1         | .0               | i           | Ì        | 886         | 886        | ļ        |               |
| 2/ 91          |     |     |          |          |           | • C                    | .1      | • 6        |         | 1.7      | - 9     | - 3     | •0      | • 01        |                  |             |          | 1335        |            | i        |               |
| 0/ 89          |     |     |          |          | • G       |                        | .6      |            | 2.0     |          | . 5     |         | i       | •           | . 2              | į           |          | 1713        |            |          |               |
| 8/ 87          |     |     |          |          | .1        | • 5                    | 1.6     | 2.0        | 1.5     |          | .2      | •1      | • 0     | •0          | •0               | T           | • 0      | 1703        |            |          |               |
| 6/ 85          |     |     | i        | .0       | . 4       |                        |         | 1.7        | .5      |          | . 1     | .1      | . 0     |             |                  |             |          | 1836        |            | l        |               |
| 4/ 83          |     |     | •0       | • 3      | 1.3       | 2.2                    | 1.7     | • 7        | • 2     |          | •1      | •0      | • 0     |             | $\neg$           |             |          | 1771        | 1772       | 4        |               |
| 2/81           |     | • 0 | • 3      | 1.4      |           |                        | .8      | . 3        | .1      | .1       | •0      | _ •0    |         |             |                  |             |          | 1912        | 1913       | 31       |               |
| 0/ 79          |     | • 1 | 1.9      | 3.5      | 2.2       | 1.2                    | • 4     | • 2        | • 1     | •0       | • 0     |         |         | i           |                  |             |          | 2558        | 2558       | 229      |               |
| 8/ 77          |     | 1.0 | 4.8      | 3.2      | 1.4       |                        |         | •1         | •0      |          | •0      |         |         |             | <u>_</u>         |             |          | 2954        |            | 1283     |               |
| 6/ 75          | • 1 | 3.2 | 5.3      | 2.0      | . 8       |                        | • 1     | • 1        | •0      |          | •0      | I       | į       | - 1         |                  |             |          | 3123        | 3125       | 4460     | ?             |
| 4/ 73          | 1   | 3,1 | 3.6      | 1.1      | <u>•2</u> | -1                     | • 1     | •0         |         | •0       |         |         |         |             |                  |             |          | 2223        |            | 7424     |               |
| 2/ 71          | •2  | 2.6 |          | .6<br>.2 | ,2        |                        | •0      | .0         |         |          |         | - 1     | 1       |             | - 1              |             |          | 1534        | 1535       | 5965     | _             |
| 8/ 67          | •1  | 1.2 | • 5      | , 1      | - 1       | •1                     | •1      | •0         |         |          |         |         |         |             | <del></del>  -   |             |          | 1002<br>530 | 530        | 3430     |               |
| 6/ 65          | .1  | - 6 |          | .1       | .1<br>.0  | 1                      | • •     | • •        |         |          |         | I       | 1       |             | -                | i           |          | 257         | 257        | 940      |               |
| 4/ 63          | •0  | • 3 |          | .0       | •0        |                        |         |            |         |          | —-i     |         |         | <del></del> | <del>- i</del> - |             |          | 123         | 123        | 480      |               |
| 2/ 61          | • 0 | . 1 | •0       | •0       | • 0       |                        |         |            |         |          |         | 1       | į       | i           | İ                | - 1         |          | 62          | 62         | 217      |               |
| 0/ 59          | •0  |     |          | •0       |           |                        |         |            |         |          |         |         |         |             |                  |             |          | 52          | 52         | 167      | 6             |
| 8/ 57          | • C | •0  | .0       | •0       | •0        | <u> </u>               |         |            |         |          |         | 1       |         | !           |                  |             |          | 30          | 30         | 94       | 3             |
| 6/ 55          |     | •0  |          | •0       |           |                        |         |            |         |          |         |         |         |             |                  | ΠĪ          |          | 13          | 13         | 45       | 2             |
| 4/ 53          |     | •0  | •0       |          |           |                        |         |            |         |          |         |         |         |             |                  |             |          | 3           | 3          | 16       |               |
| 2/ 51          |     |     |          |          |           |                        |         |            |         |          |         |         | _       | - 1         |                  | - 1         |          |             |            | 4        | 1             |
| 0/ 49          |     |     |          |          |           |                        |         |            |         |          |         |         |         | <del></del> | _                |             |          |             |            | 5        |               |
| 8/ 47<br>6/ 45 |     |     |          |          |           | !                      |         |            |         |          |         | i       | ļ       |             |                  |             | j        |             |            | 1        |               |
| 4/ 43          |     |     |          |          |           |                        |         |            |         |          |         |         |         |             |                  |             |          |             |            |          |               |
| 2/ 41          |     |     |          |          |           |                        |         |            |         |          |         |         | ĺ       | i           |                  | i           |          |             |            |          |               |
| 6/ 5           |     |     | $\vdash$ |          |           | $\vdash \vdash \vdash$ |         |            |         |          |         |         |         |             | -+-              |             |          |             |            |          | <del></del> - |
|                |     |     |          |          |           |                        |         |            |         |          |         |         | l       | i           |                  | - 1         |          |             |            |          |               |
| lement (X)     |     | Σχ¹ |          |          | Σχ        |                        | X       | <b>€</b> g |         | No. Ob   | ş.      |         |         |             | Mean No.         | of Ho       | urs with | Temperat    | yre.       |          |               |
| el. Hum.       |     |     |          |          |           |                        |         |            |         |          |         | ± 0 F   | : :     | 32 F        | ≥ 67 F           |             | 73 F     | > 80 F      | - 93 1     | : 1      | Total         |
| ry Bulb        |     |     |          |          |           |                        |         |            |         |          |         |         |         | i           |                  |             |          |             |            |          |               |
| et Bulb        |     |     |          |          |           |                        |         |            |         |          |         |         |         |             |                  |             |          |             | .[         |          |               |
| ew Point       |     |     |          | L        |           | ı                      | ł       |            | - 1     |          | i       |         | ı       | i i         |                  | 1           | 1        | _           | 1          | i        |               |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

RANDULPH AFB TEXAS/SAN ANTONIU

### **PSYCHROMETRIC SUMMARY**

JUN

| SIATION     |                |       |                                              | 31       | ALION N | -ME    |         |         |             |          |          |          |         | 16      | AKS     |           |           |           |          |          | MIH                |
|-------------|----------------|-------|----------------------------------------------|----------|---------|--------|---------|---------|-------------|----------|----------|----------|---------|---------|---------|-----------|-----------|-----------|----------|----------|--------------------|
|             |                |       |                                              |          |         |        |         |         |             |          |          |          |         |         |         |           |           | PAG       | F 2      | HOURS    | LL<br>L. S. T.)    |
| Temp.       |                |       |                                              |          |         |        |         |         | ATURE       |          |          |          |         |         |         |           |           | TOTAL     |          | TOTAL    |                    |
| (F)         | 0              | 1 - 2 | 3 - 4                                        | 5 - 6    | 7 - 8   | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16     | 17 - 18  | 19 - 20  | 21 - 22  | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30   | ≥ 31      | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point          |
| TOTAL       | <sub>ન</sub> ધ | 14.1  | 20.4                                         | 12.6     | 9.0     | 8.6    | 7.9     | 7.5     | 6.2         | 5.3      | 3.5      | 2.2      | 1.2     | • 4     | • 2     | •0        | • 0       | 26479     | 26498    | 26479    | Dew Point<br>26478 |
|             |                |       |                                              |          |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       |                                              |          |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       |                                              |          |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       |                                              |          |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       |                                              |          |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       |                                              |          |         |        |         |         | <del></del> |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       | <u> </u>                                     |          |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       |                                              | -        |         |        |         |         |             |          |          |          |         | L       |         |           |           |           | -        | <br>     |                    |
|             |                |       | ļ                                            |          |         |        |         |         |             | !<br>    | <u> </u> |          |         |         |         |           |           |           |          |          |                    |
| <u></u>     |                |       |                                              | Í        |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          | <u> </u> |                    |
|             |                |       |                                              |          |         |        |         |         |             | <u> </u> | <u> </u> | <u> </u> |         |         |         |           |           |           |          |          | <u> </u>           |
|             |                |       |                                              |          |         |        |         |         |             |          | <u> </u> |          |         | ļ       |         |           |           |           |          | ļ        |                    |
|             |                |       |                                              | <u> </u> |         |        |         |         |             |          |          |          |         |         |         |           |           |           |          |          |                    |
|             |                |       | <u>                                     </u> | ļ        |         |        |         |         |             |          | <u> </u> |          |         |         |         |           |           |           |          |          | ļ                  |
|             |                |       |                                              |          |         |        |         |         |             |          |          | <u> </u> |         |         |         |           |           |           |          |          |                    |
| Element (X) |                | Σχ²   |                                              | -        | zx      |        | X X     | •,      | <del></del> | No. OI   | <br>     | <u> </u> |         |         | Mean h  | to. of He | ours with | Tempera   | lure     | <u> </u> | <u></u>            |
| Rel. Hum.   |                |       | 3070                                         | 1        | 8274    | 14     | 69.0    | 18.0    | 35          | 264      |          | ± 0      | F       | ± 32 F  | ≥ 67    | F ≥       | 73 F      | ≥ 80 F    | a 93     |          | Total              |
| Dry Bulb    | 1              | 7332  | 3687                                         | 2        | 1335    | 73     | 80.5    | 7.6     | 04          | 264      | 98       |          |         |         | 705     | .3 6      | 21.9      | 362.      | 4 47     | . 3      | 720                |
| Wet Bulb    |                |       | 8443                                         | 1        | 9063    | 37     | 72.0    | 3.5     | 99          | 254      |          |          |         |         | 666     | .5 3      | 65.8      | 3.        | 1!       |          | 720                |
| Daw Palat   | 1              | 2250  | 7227                                         | 1        | RAAG    | 711    | 60 3    | 7 6     | 701         | 264      | 70       |          |         |         | 510     | <u> </u>  | A2 0      |           | 11       |          | 720                |

RANDOLPH AFB TEXAS/SAN ANTINIO STATION NAME

## **PSYCHROMETRIC SUMMARY**

|           |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            |          | PAG       |          | HOURS (  | LL<br>L. S. T.) |
|-----------|-----|-------|-------|-------|-------|--------|---------|-----------------------|---------|----------|---------|---------|---------|---------|---------|------------|----------|-----------|----------|----------|-----------------|
| Temp.     |     | -     |       |       |       |        |         |                       |         |          | SSION ( |         |         |         |         |            |          | TOTAL     |          | TOTAL    |                 |
| (F)       | 0   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14               | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30    | ≥ 31     | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Po          |
| 08/107    |     | i     |       |       |       |        |         |                       |         |          |         |         |         |         |         |            | •0       | 1         | 1        |          |                 |
| 06/105    |     | i i   |       |       |       |        |         |                       |         |          |         |         |         | .0      | } ]     | • 0        |          | 7         | 7        |          | ļ               |
| 4/103     |     |       | Ĭ     | ì     |       |        |         |                       |         |          |         |         | •0      |         |         | •0         |          | 31        | 31       |          | <u> </u>        |
| 2/101     |     |       | ļ     |       |       |        |         |                       |         | 1        | [       | • 0     | .0      |         | . 1     | . 1        | .0       |           | 75       |          |                 |
| 0/ 99     |     |       |       |       |       |        |         |                       |         |          | .0      | • 0     | . 3     |         |         | .1         |          |           | 300      |          |                 |
| 8/ 97     |     |       |       |       |       |        |         |                       |         | .0       |         | . 6     | 1.1     | , 7     |         | .0         |          |           | 713      | ļ        |                 |
| 6/ 95     |     | · ·   |       |       |       |        | • 0     |                       | •0      | • 2      | 1.3     | 2.0     | 1.1     | .3      | • 0     |            |          | 1363      | 1363     |          |                 |
| 4/ 93     |     |       |       |       |       | • 0    |         | • 0                   | .4      | l .      |         | 1.4     | . 3     | .1      | • 0     |            | ļ        | 1689      | 1692     |          |                 |
| 2/ 91     |     |       |       |       | •0    | •0     |         |                       | 1.7     | 2.5      |         | . 3     | • 1     | .0      |         |            |          | 1737      | 1738     |          |                 |
| 0/ 89     |     | ļ     |       | 0     | • 0   | .0     | . 3     | 1.8                   |         | 1.4      |         | . 1     | .0      |         |         |            |          |           | 1796     |          |                 |
| 8/ 87     |     | 1     |       |       | • 0   | • 2    | 1.8     | 2.5                   | 1.5     | •3       | .1      | • 0     | -       |         |         |            | i        | 1738      | 1741     |          | T -             |
| 6/ 85     |     |       |       |       | -1    | 1.8    |         | 1.6                   | .4      |          | .0      |         |         | 1       |         |            | ļ        |           | 1845     |          | İ               |
| 4/ 83     |     |       | •0    | .1    | 1:4   | 2.8    |         | . 4                   |         | •0       |         |         |         |         |         |            |          | 1803      | 1806     | 4        |                 |
| 2/ 81     |     | • 0   | • 0   | 1.2   | 3.2   | 2.0    | .6      | . 1                   | . 1     | .0       | -       |         |         | ļ.      |         |            |          | 1995      | 1996     | 5        | ļ               |
| 0/ 79     |     | • 0   | 1.3   | 4.4   | 2.7   | . 8    |         | • 1                   | •0      | .0       |         |         |         | 1       |         |            |          | 2598      | 2600     | 46       | İ               |
| 8/ 77     |     | . 8   | 5.5   | 3.9   | 1.2   | • 2    | . 1     | •0                    |         |          | . 0     |         |         | ]       | l i     |            |          | 3221      | 3222     | 831      | 1               |
| 6/ 75     | • 1 | 3.4   | 6.2   | 2.1   | . 4   | • 1    | •0      | • 0                   |         |          |         |         |         |         |         |            | 1        | 3381      | 3381     | 6050     | 30              |
| 4/ 73     | .1  | 3.0   | 2.9   | . 6   | . 1   | • 0    |         |                       |         | ļ        | ]       |         |         | ]       |         |            | j        | 1862      | 1862     |          |                 |
| 2/ 71     | , l | 1.7   | 1.0   | , 1   | . 1   | •0     |         |                       |         |          |         |         |         | 1       |         |            |          | 849       | 849      | 6699     |                 |
| 0/ 69     | . 1 | . 6   | . 3   | . 1   | .0    | • 0    | •0      |                       |         | Į        |         |         |         |         |         |            |          | 304       | 307      | 2537     | 540             |
| 8/ 67     | • 0 | • 2   | 0     | • 1   | • 0   |        |         |                       |         |          |         |         |         |         |         |            |          | 79        | 79       | 665      | 478             |
| 6/ 65     |     | • 0   | • 0   | • 0   |       |        |         |                       |         | <u> </u> |         |         |         |         |         |            |          | 20        | 20       | 184      | 301             |
| 4/ 63     |     | • 0   | • 0   |       |       |        |         |                       |         |          |         |         |         |         |         |            |          | 8         | 8        | 68       | 170             |
| 2/ 61     |     | 0     |       |       |       |        |         |                       |         |          | İ       |         |         |         | ļ i     |            | 1        | 5         | 5        | 36       | 100             |
| 0/ 59     |     | .0    |       |       |       |        |         |                       |         |          | T       |         |         |         |         |            |          | 1         | 1        | 16       | 62              |
| 8/ 57     |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            |          |           |          | 1        |                 |
| 6/ 55     |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            | 1        |           |          |          | 11              |
| 4/ 53     |     |       | [     |       |       |        |         |                       |         | l        |         |         |         |         |         |            | l        |           |          | ł        | !               |
| 2/ 51     |     |       |       | ,     |       |        |         |                       |         |          |         |         |         |         |         |            | 1        |           |          |          | 7               |
| 0/ 49     |     |       |       |       |       |        | i       |                       |         |          |         |         |         |         |         |            | ļ        | •         |          |          | Ì               |
| 8/ 47     |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            | l        |           |          |          |                 |
| 6/ 45     |     |       |       |       |       |        |         |                       |         | L        |         |         |         |         |         |            | <u> </u> |           |          |          |                 |
| 2/ 41     |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            | -        |           |          |          |                 |
|           |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            |          |           |          |          |                 |
| ement (X) |     | Σχ²   |       |       | Σχ    |        | X       | <b>€</b> <sub>X</sub> |         | No. Ol   | s.      |         |         |         | Mean N  | lo. of H   | ours wit | Temperat  | ure      |          |                 |
| I. Hum.   |     |       |       |       |       |        |         |                       |         |          |         | ≤ 0 1   | • [     | ≤ 32 F  | ≥ 67    | F          | 73 F     | ≥ 80 F    | ≥ 93     | F        | Total           |
| ry Bulb   |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            |          |           |          |          |                 |
| et Bulb   |     |       |       |       |       |        |         |                       |         |          |         |         |         |         |         |            |          |           |          |          |                 |
| ew Point  |     |       |       |       |       |        |         |                       |         |          |         |         |         |         | i       | $\neg 	au$ |          |           |          |          |                 |

AC FORM ARE OF SOLETE

AC JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OF SOLETE

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USAFETAC FORM OF 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| 12911<br>STATION | RA  | NDOL  | PH A        | FB T         | EXAS     | /SAN        | THA                                              | DNIU     | <u> </u> | 38-     | 75      |              |         |          | ARS     |          |                                                  |            |              |              | UL                 |
|------------------|-----|-------|-------------|--------------|----------|-------------|--------------------------------------------------|----------|----------|---------|---------|--------------|---------|----------|---------|----------|--------------------------------------------------|------------|--------------|--------------|--------------------|
| STATION          |     |       |             | >            | IATION N | AME         |                                                  |          |          |         |         |              |         | TE       | AKS     |          |                                                  | PAG        | E 2          |              | LL<br>(L. S. T.)   |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          |                                                  |            |              |              |                    |
| Temp.<br>(F)     |     |       | <del></del> | T            |          |             | BULB                                             |          |          |         |         |              |         |          |         |          |                                                  | TOTAL      | <u> </u>     | TOTAL        |                    |
| TOTAL            | 0 4 | 1 . 2 | 17 6        | 5 . 6        | 7 - 8    | 9 - 10      | 11 - 12                                          | 13 - 14  | 15 - 16  | 17 - 18 | 19 - 20 | 21 - 22      | 23 - 24 | 25 - 26  | 27 - 28 |          |                                                  | U.B./ W.B. | 27438        | Wet Bulb     | Dew Point<br>27416 |
| TOTAL            | • 4 | 7,0   | 11.4        | 12.0         | 7.0      | 6.1         | 7,4                                              | 0.7      | 0.0      | 0.2     | 3.1     | 4.4          | 2.9     | 1.00     | • 6     | • 2      |                                                  | 27413      |              | 27415        |                    |
|                  |     |       | Ì           | İ            | İ        |             |                                                  |          |          |         |         |              |         |          |         |          |                                                  |            |              |              |                    |
|                  |     | -     |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          |                                                  |            | i            |              |                    |
|                  |     |       |             |              |          |             | <del>                                     </del> |          | -        |         | _       |              |         |          |         |          | <del>                                     </del> |            |              |              |                    |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          | <del> </del>                                     |            | <del> </del> |              |                    |
|                  |     |       |             |              |          |             | <del> </del> -                                   | <u> </u> |          |         |         |              |         |          | )<br>   |          | <del> </del>                                     |            |              |              |                    |
| -                |     |       |             |              |          |             |                                                  |          |          |         |         | ļ            |         |          |         |          | <b> </b>                                         |            | ļ            | -            |                    |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          | <u> </u>                                         |            |              |              |                    |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          | İ                                                |            |              |              |                    |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          |                                                  |            |              |              |                    |
|                  |     |       |             |              | ļ        |             |                                                  | <u> </u> |          |         |         |              |         |          |         |          |                                                  |            |              |              |                    |
|                  |     |       |             |              |          |             | <del> </del>                                     |          |          |         |         |              |         | <u> </u> |         |          | <del>                                     </del> |            |              |              |                    |
|                  |     |       | -           |              |          | -           | <del>                                     </del> |          | -        |         | -       | <del> </del> |         |          |         |          |                                                  |            | ļ            |              |                    |
|                  |     |       | <u> </u>    | <u> </u>     |          | <u> </u>    | <del> </del>                                     |          | -        |         |         |              |         |          |         |          | -                                                |            |              |              | <u> </u>           |
|                  |     |       |             | <del> </del> |          | ļ           | ļ                                                | ļ        |          | ļ       |         |              |         |          |         |          | ļ                                                |            | <del> </del> | ļ            |                    |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         | <u> </u>     |         |          |         |          |                                                  |            |              |              |                    |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          |                                                  |            |              |              |                    |
|                  |     |       |             |              |          |             |                                                  |          |          |         |         |              |         |          |         |          |                                                  |            |              |              |                    |
|                  |     |       |             |              |          |             |                                                  |          |          | 1       |         |              |         |          |         |          |                                                  | t          | <del> </del> | <del> </del> |                    |
| Element (X)      |     | Ex2   | <u></u>     | -            | Σχ       | <del></del> | X                                                | -,       |          | No. O   | bs.     | L            | L       |          | Mean I  | lo. of H | lours wit                                        | h Tempera  | ture         | <u> </u>     |                    |
| Rel. Hum.        |     |       | 6759        | 1            | 7777     |             | 64.9                                             | 19.1     | 03       | 274     |         | ± 0 ∶        | F       | ≤ 32 F   |         |          | ≥ 73 F                                           |            | ≥ 93         | F            | Total              |
| Dry Bulb         |     |       | 6384        | 2            | 2813     | 112         | 83.1                                             | 7.6      | 56       | 274     |         |              |         |          | 743     | .1 7     | 709.6                                            | 445.       |              |              | 744                |
| Wet Bulb         | 1   | 4610  | 0492        | 2 2          | 0002     | 354         | 73.0                                             | 2.2      | 86       | 274     | 15      |              |         |          | 735     | .7 4     | 67.0                                             | •          | 5            |              | 744                |
| Dew Point        | 1   | 2896  | 2899        | 1            | 8774     | 45          | 68,5                                             | 3.7      | 99       | 274     | 16      |              |         |          | 555     | • 2      | 83.1                                             | •          | 1            |              | 744                |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12911

STATION

RANDOLPH AFB TEXAS/SAN ANTONIO

STATION NAME

•

### **PSYCHROMETRIC SUMMARY**

AUG

| STATION                |             |                                                  |       | •     | ATION NA       |              |              |              |                                                  |                                                  |              |              |                                                  |              | ARS          |              |                                                  | PAG          | <b>5</b> 1   |              | LL.                                              |
|------------------------|-------------|--------------------------------------------------|-------|-------|----------------|--------------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------------------------------------------------|
|                        |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  | , 40         |              | HOURS (      |                                                  |
| Temp.                  |             |                                                  |       |       |                |              |              |              |                                                  |                                                  | SSION (      |              |                                                  |              |              |              |                                                  | TOTAL        |              | TOTAL        |                                                  |
| (F)                    | 0           | 1 - 2                                            | 3 - 4 | 5 - 6 | 7 - 8          | 9 - 10       | 11 - 12      | 13 - 14      | 15 - 16                                          | 17 - 18                                          | 19 - 20      | 21 - 22      | 23 - 24                                          | 25 - 26      | 27 - 28      | 29 - 30      | <del></del>                                      | D.B./W.B.    |              | Wet Bulb     | Dew P                                            |
| 6/105                  |             |                                                  | i     | l     | İ              |              |              |              |                                                  |                                                  | •            |              |                                                  |              |              |              | .0                                               |              | 5            |              | 1                                                |
| 4/103                  |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              | • 0                                              |              |              |              |                                                  |              | 32           |              |                                                  |
| 27101                  |             |                                                  |       |       |                |              |              |              |                                                  |                                                  | .0           | • 0          | • 0                                              | • 1          | • 2          | • 1          |                                                  | <i>i</i> 1   | 131          |              |                                                  |
| 0/ 99                  |             |                                                  |       |       |                |              |              |              |                                                  | .0                                               |              | • 1          | . 4                                              | • 6          |              |              | -                                                | 436<br>918   | 436<br>918   |              |                                                  |
| 6/ 95                  |             |                                                  |       |       |                | 0            |              | • 0          |                                                  |                                                  |              | . 8<br>1 • 9 | 1.3                                              |              |              | •1           |                                                  |              | 1378         |              | 1                                                |
| 47 93                  |             |                                                  |       |       | -              | • 0          | •0           | • 0          | -0                                               | 1.4                                              | 1.5          | 1.2          | 1.0                                              |              |              |              |                                                  | 1430         |              |              |                                                  |
| 2/ 91                  |             |                                                  |       |       |                |              | .0           |              |                                                  |                                                  |              | 5            | 1                                                | • 0          |              |              |                                                  |              | 1490         |              |                                                  |
| 0/ 89                  |             |                                                  |       |       | •0             | •0           |              |              | 2.4                                              |                                                  |              | - 2          | • 1                                              | 0            |              |              |                                                  |              | 1745         |              | -                                                |
| 8/ 87                  |             |                                                  |       | • 0   |                | .3           |              |              | 1.3                                              |                                                  |              | 1            | .0                                               |              |              |              |                                                  |              | 1630         |              | 1                                                |
| 5/ 85                  |             |                                                  |       | •0    | • 2            | 1.7          | 2.3          | 1.4          | • 5                                              | • 2                                              | .1           | •0           |                                                  |              |              |              |                                                  | 1730         | 1730         | 2            | l                                                |
| 47 83 j                |             |                                                  | • 0   |       |                | 2.5          | 1.3          | • 6          | .3                                               | .1                                               | .0           | • 0          |                                                  |              |              |              | <u> </u>                                         |              | 1743         |              |                                                  |
| 2/ 81                  |             | • 0                                              |       |       |                |              | • 7          |              |                                                  |                                                  |              | •0           | •0                                               |              |              |              |                                                  |              | 1902         |              |                                                  |
| 0/ 79                  | 0           |                                                  | 1.9   | 3.8   |                |              | • 4          |              | •0                                               |                                                  |              |              |                                                  |              |              |              | <u> </u>                                         | 2665         | 2668         | 78           |                                                  |
| 8/ 77                  | •0          |                                                  | 4.9   | 3.1   | 1.4            | • 5          |              | •0           |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  | 3221         |              |              | ,                                                |
| 5/ 75<br>4/ 73         | • 1         |                                                  |       |       |                | <u>• 2</u>   |              | •0           |                                                  | -0                                               |              |              |                                                  |              | <del> </del> |              | <del> </del>                                     | 3015         |              |              |                                                  |
| 2/ 71                  | . 2         |                                                  |       |       |                | •1           |              |              | .0                                               |                                                  |              |              |                                                  |              |              | 1            | 1                                                | 1810         | 993          |              |                                                  |
| 0/ 69                  | • 1         |                                                  |       | -     |                | •0           |              | .0           |                                                  |                                                  |              |              |                                                  |              |              |              | <del> </del>                                     | 406          | 409          |              | 52                                               |
| 8/ 67                  | .0          |                                                  | . 2   |       | .0             |              | .0           |              | ,                                                |                                                  |              |              |                                                  |              |              |              |                                                  | 159          | 161          |              |                                                  |
| 6/ 65                  |             | • 1                                              | •1    | •0    |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              | 1                                                | 88           | 88           |              |                                                  |
| 6/ 63                  |             | .0                                               |       | • 0   |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  | 38           | 38           |              |                                                  |
| 2/ 61                  |             | •0                                               |       | •0    |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  | 13           | 13           |              |                                                  |
| 0/ ,59                 |             | •0                                               |       |       |                |              |              | <u> </u>     |                                                  |                                                  |              |              |                                                  |              |              |              | <u> </u>                                         | 7            |              |              |                                                  |
| 8/ 57                  |             | •0                                               |       |       |                |              |              |              |                                                  | ļ                                                |              |              |                                                  |              |              | •            |                                                  | 1            | 1            |              |                                                  |
| 6/ 55<br>4/ 53         |             | <del> </del> -                                   |       |       |                |              | <b> </b>     |              | ļ                                                | <b> </b> -                                       |              |              |                                                  |              | <del> </del> |              |                                                  | <del> </del> |              | 13           | 1                                                |
|                        |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  |              |              |              | 1                                                |
| 2 <u>/ 51</u><br>0/ 49 | <del></del> | $\vdash$                                         |       |       | <del> </del>   | <del> </del> | <del> </del> | <del> </del> | <del>                                     </del> | <del> </del> -                                   | <del> </del> |              | <del> </del>                                     | <del> </del> | <del> </del> | <del> </del> | <del>                                     </del> |              | <del> </del> | <del> </del> |                                                  |
| 8/ 47                  |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  |              | 1            | ĺ            |                                                  |
| 6/ 45                  |             | <del>                                     </del> |       |       | <u> </u>       | l —          |              | 1            | <b> </b>                                         | <del>                                     </del> | <u> </u>     |              | <del>                                     </del> |              |              | <del></del>  | Ī                                                |              | l            | 1            | <del>                                     </del> |
| 4/ 43                  |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              | L                                                |              |              |              |                                                  |              |              |              |                                                  |
| 2/ 41                  |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  |              |              |              |                                                  |
| ment (X)               |             | Z <sub>X²</sub>                                  | ·     |       | z <sub>X</sub> |              | X            | <b>₹</b>     | <u>'                                    </u>     | No. O                                            |              | L            | <u></u>                                          | L            | Mean         | No. of H     | ours wit                                         | h Tempera:   | ture         |              |                                                  |
| l. Hum.                |             |                                                  |       |       |                | $\Box$       |              |              |                                                  |                                                  |              | ⊴ 0          | F                                                | ± 32 F       | ≥ 67         | F .          | ₹ 73 F                                           | ≥ 80 F       | ≥ 93         | F            | Total                                            |
| y Bulb                 |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  |              |              |              |                                                  |
| t Bulb                 |             |                                                  |       |       |                |              |              |              |                                                  |                                                  |              |              |                                                  |              |              |              |                                                  | 1            |              |              |                                                  |
| w Point                | 1           |                                                  |       | l     |                |              |              | 1            |                                                  |                                                  | i            |              | - 1                                              |              | i .          | - 1          |                                                  | 1            | 1            |              |                                                  |

Dew Point

T.

142834866 125547996

1961534 1836223

72.7 2.853 68.1 4.570

RANDOLPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

740.0 6°6.9 439.3 119.3 720.5 447.2 1.0 514.0 107.3 .1

AUG MONTH

744 744

|                          |             |                 |          |             |              |                  |              |          |          |                                              |               |          |            |          |              |          |          | PAG        | E 2      | HOURS                                        | L            |
|--------------------------|-------------|-----------------|----------|-------------|--------------|------------------|--------------|----------|----------|----------------------------------------------|---------------|----------|------------|----------|--------------|----------|----------|------------|----------|----------------------------------------------|--------------|
|                          |             |                 |          |             |              |                  |              |          |          |                                              |               |          |            |          |              |          |          |            |          |                                              |              |
| Temp.                    |             | 1               |          | <del></del> |              | WET              | BULB         | TEMPER   | RATURE   | DEPRE                                        | SSION (       | F)       |            | r        |              |          |          | TOTAL      |          | TOTAL                                        |              |
| (F)                      | 0           | 1 - 2           | 3 - 4    | 5 - 6       | 7 - 8        | 9 - 10           | 11 - 12      | 13 - 14  | 15 - 16  | 17 - 18                                      | 19 - 20       | 21 - 22  | 23 - 24    | 25 - 26  | 27 - 28      | 29 - 30  | ≥ 31     | U.B./ H.B. | Dry Bulb | Wet Bulb                                     | De           |
| TUTAL                    | • :         | 511.7           | 15.0     | 11.9        | 9,2          | 8.3              | 6.9          | 6.6      | 6.3      | 5.5                                          | 5.7           | 4.8      | 13:4       | 2.1      | • 9          | • 3      | • 2      | Ì          | 27011    |                                              | 26           |
|                          |             | <u> </u>        | ļ        |             |              |                  |              |          | <u> </u> |                                              |               |          |            |          |              |          |          | 26979      |          | 26979                                        | 1_           |
|                          |             |                 | ļ        |             |              |                  |              |          | i        |                                              |               |          |            |          | 1            |          |          |            |          |                                              | 1            |
|                          |             |                 | <u> </u> |             |              |                  |              |          | <u> </u> |                                              |               |          |            |          |              |          |          | <u> </u>   |          | <u> </u>                                     | <u> </u>     |
|                          |             | 1               | ŀ        |             |              |                  |              |          | ļ        |                                              |               |          | ĺ          |          | İ            | i l      |          | ļ          | 1        |                                              | 1            |
|                          |             |                 | <u> </u> |             |              |                  |              |          |          |                                              |               |          | ļ <u>.</u> |          |              |          |          | <u> </u>   | <u> </u> | <u> </u>                                     | Ļ            |
|                          |             | 1               |          |             |              |                  |              |          | l        |                                              |               |          | 1          |          | l            |          |          |            | 1        |                                              | l            |
|                          |             |                 | <u> </u> |             |              |                  |              |          |          |                                              |               | ļ        |            |          | ļ            |          |          |            |          |                                              | 1            |
|                          |             |                 | 1        |             |              |                  |              | İ        |          |                                              |               |          |            |          |              |          |          |            |          |                                              | 1            |
|                          |             | <del></del>     | <u> </u> |             |              |                  |              |          |          |                                              |               |          | ļ          |          |              |          |          |            |          | <u></u>                                      | 1_           |
|                          |             | İ               | 1        |             |              |                  |              | 1        |          | }                                            |               | 1        |            | 1        | 1            | ŀ        |          |            | ł        | )                                            |              |
|                          |             |                 | <u> </u> |             |              |                  |              |          |          |                                              |               | <u> </u> |            |          |              | <u> </u> |          | <u> </u>   |          | <u> </u>                                     | _            |
|                          | ļ           | 1               | Ì        |             |              |                  | }            | 1        |          |                                              |               | 1        |            | ŀ        | İ            |          | ĺ        |            |          |                                              |              |
|                          |             |                 | <u> </u> |             |              |                  |              | <u> </u> |          |                                              |               |          |            |          |              | <u> </u> |          |            |          | <u> </u>                                     | 1            |
|                          |             | 1               | İ        |             |              |                  | i            |          |          |                                              |               | Ì        |            |          |              | ļ        | ]        |            |          |                                              | 1            |
|                          |             |                 | <u> </u> | lacksquare  |              |                  |              | <u> </u> |          |                                              |               |          |            |          |              |          |          |            | <u> </u> |                                              | <u> </u>     |
| 1                        |             | 1               | i        |             | ĺ            |                  | 1            | 1        | 1        | 1                                            |               | 1        | İ          | !        |              | 1        | 1        | 1          |          | i                                            |              |
|                          | <u> </u>    |                 | <u> </u> |             |              |                  |              |          | L        |                                              |               | J        |            |          |              |          |          |            |          |                                              | L            |
|                          | ŀ           | ļ               | 1        |             |              |                  |              | İ        | ĺ        |                                              |               | ı        |            | 1        |              | 1        | İ        | l          |          | 1                                            | İ            |
|                          |             | ļ,              |          |             |              |                  |              | <u> </u> |          |                                              |               | <u> </u> |            |          |              |          |          |            |          |                                              |              |
|                          |             | j               | 1        | 1           | ł            |                  |              |          |          | l                                            |               |          | }          |          |              |          |          |            | ĺ        | Ì                                            |              |
|                          |             | <u> </u>        | <u>!</u> |             |              |                  | ↓            |          |          |                                              |               |          | L          |          |              |          |          |            | <u> </u> | ļ                                            | $\perp$      |
|                          |             | 1               | 1        | i           | l            |                  |              | 1        |          | ]                                            |               | ]        | l          |          | ]            |          | ļ        | ]          | i        |                                              | l            |
|                          | <u> </u>    | <u> </u>        | <u> </u> |             | L            |                  | ļ            |          | ļ        | <u> </u>                                     |               |          | L          | <u> </u> | <b></b> _    |          |          | <u> </u>   |          | <u> </u>                                     | L            |
|                          |             | 1               | 1        |             | <b> </b>     | ]                |              | 1        | ļ        | 1                                            | İ             |          | İ          |          | i            | 1        |          |            | 1        | İ                                            |              |
|                          |             |                 | <b>_</b> |             | <u> </u>     |                  | <u> </u>     | <u> </u> | ļ        | <u>i                                    </u> |               |          | <u> </u>   | <u> </u> |              |          |          | <u></u>    | <u> </u> | <u> </u>                                     | 1            |
|                          |             | 1               |          | İ           | ł            | ŀ                | 1            |          | 1        | ŀ                                            |               |          |            | ŀ        |              | l        | ĺ        |            |          | 1                                            |              |
|                          | Ļ           |                 | ļ        |             | <u></u> .    | ļ                | ļ            | ļ        | <u> </u> | <u> </u>                                     |               |          |            |          | ļ            |          |          |            | ļ        | <u> </u>                                     | $\downarrow$ |
|                          | l           | İ               | 1        |             | 1            |                  |              |          |          |                                              |               |          |            |          | 1            |          |          |            | Ì        | 1                                            |              |
|                          |             | <del> </del>    | ↓        | ļ           | ļ            |                  | ļ            | <u> </u> | <u> </u> |                                              |               | ļ        |            |          |              | <u> </u> |          |            | ļ        | <u> </u>                                     | 4            |
| 1                        |             | ļ               | Į        | 1           |              |                  | 1            |          |          |                                              |               |          | 1          |          |              |          |          |            |          |                                              |              |
| <b> </b>                 |             | <del> </del>    |          | <u> </u>    | <u> </u>     | <u> </u>         | <u> </u>     |          | <u> </u> | <u> </u>                                     |               |          | ļ          | <u> </u> | <u> </u>     |          |          |            | ļ        | <u> </u>                                     | 4            |
|                          |             |                 |          |             | 1            |                  |              |          | ŀ        | 1                                            |               |          |            |          |              | İ        | İ        |            |          | 1                                            |              |
|                          | ļ           | <u> </u>        |          |             | <u> </u>     | <del></del>      | <del> </del> | <u> </u> | ┸-,      | بي با                                        |               |          | <u> </u>   |          | <u> </u>     | <u></u>  | <u> </u> | <u> </u>   | <u> </u> | <u> </u>                                     | L            |
| Element (X)<br>Rel. Hum. |             | Σχ <sup>2</sup> | 1001/    |             | Σχ           |                  | X =          | *x       |          | No. Ol                                       |               |          | - 1        | - 22 5   | Mean<br>≥ 67 |          |          | h Tempera  |          | <u>-                                    </u> | ÷            |
|                          |             | 12299           |          | 1 +         | 7400         | 44               | 64.5         | 167.5    | 76       | 269                                          | 18            | ≰ 0      |            | ≤ 32 F   |              |          | 73 F     |            |          |                                              | To           |
| Dry Bulb<br>Wet Bulb     | <del></del> | 18794           | 1624     |             | 2427         | 70               | 83.0         | 3.0      | 110      | 270                                          | <del>++</del> |          |            |          | 740          | • U 0    | 40.9     | 437        | 3 119    | • 2                                          |              |
| Dew Point                |             | 14283<br>12554  |          | 1 -         | 9615<br>8362 | <del>74 </del> - | 72.7         |          |          | 269<br>269                                   | <del>/</del>  |          |            |          | 120          | 0 1      | 41.2     | 1.         | <u> </u> |                                              |              |

38-75

### **PSYCHROMETRIC SUMMARY**

| Temp.     | T  |            |          |          |       |       | WET    | BULB       | TEMPER     | ATURE    | DEPRE    | SSION (  | F)      |            |          |         |           |          | TOTAL      |               | TOTAL    |           |
|-----------|----|------------|----------|----------|-------|-------|--------|------------|------------|----------|----------|----------|---------|------------|----------|---------|-----------|----------|------------|---------------|----------|-----------|
| (F)       |    | 0          | 1 - 2    | 3 - 4    | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12    | 13 - 14    | 15 - 16  | 17 - 18  | 19 - 20  | 21 - 22 | 23 - 24    | 25 - 26  | 27 - 28 | 29 - 30   | ≥ 31     | D.B./W.B.  | Dry Bulb      | Wet Bulb | Dew Point |
| 102/10    |    |            |          |          |       | 1     |        |            | 1 :        |          |          |          |         | •0         |          | • 0     | '         | • 0      | 4          | 4             |          |           |
| 100/ 9    |    |            |          |          |       |       |        |            |            |          |          |          | •0      | 0          | •0       | •0      | <u> 0</u> |          | 20         | 50            |          |           |
| 98/ 9     |    |            |          |          |       |       |        |            |            |          | .0       | • 0      | • 1     | • 2        | • 1      | • 1     | • 0       |          |            | 132           |          |           |
| 96/ 9     |    |            |          |          |       |       |        |            |            | •0       | .1       | . 4      | .4      | 2          | -2       | • 0     | • 0       |          | 367        | 367           |          |           |
|           | 73 |            | ĺ        |          |       |       |        | • 0        |            | • 2      | • 6      | .7       | • 5     | • 2        | • 1      | •0      | • 0       |          | 625        | 525           |          |           |
| 92/ 9     |    |            |          |          |       |       | _ •0   | <u>, 1</u> | .3         | 9.       |          |          | .4      | •2         | • 1      | • C     | .0        |          | 932        | 933           |          |           |
|           | 39 |            |          | li       |       | •0    | • 0    | • 3        |            |          | • 9      |          | • 3     | • 2        | *1       | • 0     | •0        |          | 1238       | 1238          |          |           |
|           | 37 |            |          |          |       | • 0   | - 2    | _ ,9       |            |          |          |          | • 2     | . 2        | • 0      | •0      |           |          | 1312       | 1312          |          |           |
|           | 35 |            |          |          | • 0   | • 2   | 1.1    | 1.7        | 1.2        | • 7      | .5       | .3       | • 2     | • 1        | • 1      |         |           |          | 1575       | 1576          |          |           |
|           | 33 |            |          | • 0      | • 2   | , 9   | 1.7    | 1.0        |            | • 5      | .3       | . 2      | •2      | <u>• 1</u> | • 0      | • 0     |           |          | 1446       | 1447          | 1        | <u> </u>  |
|           | 31 |            | •0       |          | 1.1   | 1.6   | 1.2    | • 7        |            | •4       | .3       | . 2      | • 1     | • 0        |          |         |           |          | 1593       | 1595          | 10       |           |
|           | 79 | • 0        |          | 1.5      | 2.3   | 1.6   | . 9    | . 5        |            |          | .3       |          | -1      | • 0        |          |         |           | ļ        | 2115       | 2116          | 94       | 9         |
|           | 77 | • 0        |          |          | 2.2   | 1.2   | • 5    | . 5        |            |          |          |          | • 0     |            | •0       |         |           | •0       |            | 2573          | 713      | 50        |
|           | 75 | . 2        |          |          | 1.7   | .7    | - 6    | • 4        |            | .1       | •1       | .1       | •0      |            |          |         |           |          | 3088       | 3097          | 3616     | 773       |
|           | 73 | • 4        |          |          | 1.2   | • 7   | . 5    | • 4        | .2         |          | • 1      | •0       | •0      | • 0        |          |         |           | ŀ        | 2519       | 2527          | 5105     | 2398      |
|           | 71 | 3          |          | 1.8      | . 8   | - 6   | . 4    | .3         | •1         | •1       | .0       |          | 0       |            |          |         |           |          | 1822       | 1826          |          |           |
|           | 59 | • 1        |          |          | • 7   | • 4   | • 4    | . 2        |            | •1       | •0       |          |         |            |          |         |           |          | 1358       | 1365          | 3145     | 3911      |
|           | 57 | <u>• 1</u> |          |          | - 6   | • 5   | • 2    | <u>•1</u>  |            | •0       |          |          |         |            |          |         |           |          | 979        | 980           |          |           |
|           | 55 | • 1        |          | • 7      | • 6   | • 3   | • 2    | • 1        | -          |          |          | ŀ        |         |            |          |         |           |          | 683        | 686           | 1697     | 2436      |
|           | 53 | 0          |          |          | .3    |       | • 1    | •1         |            |          |          |          | L       |            |          |         |           |          | 434        | 435           |          |           |
|           | 51 | •0         |          |          | • 3   |       | • 1    | • 0        |            | l        |          | ]        | 1       |            |          |         |           | l        | 359        | 360           |          | 1460      |
|           | 59 | 0          |          |          | •2    | • 2   | • 0    |            |            | <u> </u> |          | <u> </u> |         |            |          |         |           |          | 260        | 261           | 810      |           |
|           | 57 | • 0        |          |          | • 1   | •0    | • 0    | • 0        |            | 1        |          | ĺ        | 1       |            |          |         |           |          | 162        | 167           | 568      | 1046      |
| 56/ 5     | 55 | • 0        |          | •1       | • 1   | •0    | •0     | <u>•0</u>  | ļ          | <u> </u> |          | <u> </u> |         |            |          |         |           | <u> </u> | 93         | 98            | 420      | 930       |
|           | 53 |            | •0       | -        | •0    |       | .0     |            | ŀ          |          |          | l        |         |            |          |         |           |          | 40         | 41            | 260      |           |
|           | 51 |            | •0       |          | •0    |       |        |            |            |          |          |          | ļ       |            |          |         |           |          | 19         | 19            | 144      | 576       |
|           | 19 |            |          | •0       | .0    |       |        |            | l          |          |          | •        |         | ľ          |          |         |           |          | 15         | 15            | 69       | 423       |
|           | 17 |            | .0       | •0       | •0    |       |        |            |            |          |          |          |         |            |          |         |           | <u> </u> | 8          | 8             | 35       |           |
|           | +5 |            |          | _        | • 0   |       |        |            |            |          |          |          |         |            |          |         |           | 1        | 3          | 3             | 25       | 295       |
|           | 13 |            |          | •0       |       |       |        |            | <b> </b>   | <u> </u> | Ļ        | <u> </u> | ļ       |            |          |         |           | ļ        | 1          | 1             | 6        |           |
|           | 41 |            | 1        |          |       |       |        |            | İ          |          |          | 1        |         |            |          |         |           |          |            |               | 3        |           |
|           | 39 |            |          | <b> </b> |       |       |        |            |            |          |          | <u> </u> | ļ       |            | <u> </u> |         |           |          |            |               | 4        |           |
|           | 37 |            | 1        |          |       |       |        |            |            |          |          | ŀ        |         |            |          |         |           |          |            |               |          | 39        |
|           | 35 |            | <u> </u> | i        |       |       | لسرسا  |            | ļ          | L        | <u> </u> | <u> </u> | L       |            | L        |         |           | <u> </u> | L          |               | <u> </u> | 25        |
| Element ( |    |            | Σχ²      |          |       | Σχ    |        | X          | <b>"</b> x |          | No. Ob   | ·s.      |         |            |          |         |           |          | h Temperat | <del>-,</del> |          |           |
| Rel. Hum  |    |            |          |          |       |       | _ _    |            | ļ          |          |          |          | ± 0     | F   2      | 32 F     | ≥ 67    | F         | 73 F     | × 80 F     | ≥ 93 1        | F        | Total     |
| Dry Bulb  | -  |            |          |          |       |       | _ _    |            | <u> </u>   |          |          |          |         |            |          |         | _ _       |          |            |               |          |           |
| Wet Bulb  |    |            |          |          |       |       | _      |            | ļ          |          |          |          |         | _          |          |         |           |          | <u></u>    | _             |          |           |
| Dew Poin  | "  |            |          |          |       |       | 1      |            | L          |          |          |          |         |            |          | l       |           |          |            |               |          |           |

USAFETAC FORM 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**(**)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSOLETE

RANDOLPH AFB TEXAS/SAN ANTINIO
STATION NAME

## **PSYCHROMETRIC SUMMARY**

SEP

|             |          |                         |                                                  |               |                |               |                                                  |           |                                                  |              |             |              |          |         |                                                  |                  |                                        | PAG       | E 2                                              | HOURS                                            | (L.L.<br>(L. S. T.)                              |
|-------------|----------|-------------------------|--------------------------------------------------|---------------|----------------|---------------|--------------------------------------------------|-----------|--------------------------------------------------|--------------|-------------|--------------|----------|---------|--------------------------------------------------|------------------|----------------------------------------|-----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Temp.       |          |                         |                                                  |               |                | WET           | BULB '                                           | TEMPER    | RATURE                                           | DEPRE        | SSION (     | F)           |          |         |                                                  |                  |                                        | TOTAL     |                                                  | TOTAL                                            |                                                  |
| (F)         | 0        | 1 - 2                   | 3 - 4                                            | 5 - 6         | 7 - 8          | 9 - 10        | 11 - 12                                          | 13 - 14   | 15 - 16                                          | 17 - 18      | 19 - 20     | 21 - 22      | 23 - 24  | 25 - 26 | 27 - 28                                          | 29 - 30          | ≥ 31                                   | D.B./W.B. | Dry Bulb                                         | Wet Bulk                                         | Dew P                                            |
| 34/ 33      |          | ļ                       | 1                                                | 1             |                |               |                                                  | _         |                                                  |              |             |              |          |         |                                                  |                  |                                        |           |                                                  |                                                  |                                                  |
| 32/ 31      |          |                         | <u> </u>                                         |               |                |               |                                                  |           |                                                  |              | L           | <u> </u>     |          |         |                                                  |                  | 1 1                                    |           | ļ                                                | 1                                                | 1                                                |
| 307 29      |          |                         |                                                  |               |                |               |                                                  |           |                                                  |              |             |              |          |         |                                                  |                  |                                        |           |                                                  | 1                                                |                                                  |
| 28/ 27      |          |                         |                                                  |               | ļ              | ļ             | ļ                                                | 1         |                                                  | •            |             | ļ            | [        |         |                                                  |                  |                                        |           | 1                                                | 1                                                | ļ                                                |
| 22/ 21      |          |                         |                                                  | 1             |                |               |                                                  |           |                                                  |              |             |              |          |         |                                                  |                  | i — i                                  |           | ·                                                | 1                                                | 1                                                |
| 14/ 13      |          |                         | ļ                                                | 1             | ļ              |               | į                                                | Ì         |                                                  |              |             | ļ            |          |         | ŀ                                                |                  |                                        |           |                                                  |                                                  | Į.                                               |
| DTAL        | 1.4      | 16.7                    | 17.8                                             | 12.4          | 9.4            | 8.4           | 7.3                                              | 6.8       | 6.0                                              | 5.0          | 3.9         | 2.6          | 1.4      | • 7     | • 2                                              | .1               | . 0                                    |           | 25827                                            | 7                                                | 257                                              |
|             |          | ]                       | 1                                                | 1             |                |               |                                                  |           | l                                                |              |             |              |          |         |                                                  |                  |                                        | 25772     | 1                                                | k5772                                            |                                                  |
|             |          |                         |                                                  |               | Ī              |               |                                                  |           |                                                  |              |             |              |          |         |                                                  |                  |                                        |           |                                                  |                                                  |                                                  |
| Ì           |          |                         |                                                  | İ             | 1              |               | 1                                                |           | İ                                                | •            |             |              |          | ) :     |                                                  |                  |                                        |           |                                                  | 1                                                | ì                                                |
|             |          |                         |                                                  |               |                |               |                                                  |           |                                                  |              |             |              |          |         |                                                  |                  |                                        |           | i                                                |                                                  | 1                                                |
|             |          | 1                       |                                                  | l             | l              |               | •                                                |           | ļ                                                | ļ            |             |              |          |         |                                                  |                  | ]                                      |           |                                                  | 1                                                |                                                  |
|             |          |                         | 1                                                |               | l              | -             | <u> </u>                                         |           |                                                  |              |             |              | <u> </u> |         | <del>                                     </del> |                  | 1                                      |           | <del>                                     </del> | <del>                                     </del> | $\vdash$                                         |
|             |          | Ì                       |                                                  |               |                |               | l                                                |           | 1                                                |              |             | l            |          | :       |                                                  |                  |                                        |           |                                                  | 1                                                | Į                                                |
|             |          |                         | <del>                                     </del> | <u> </u>      | <u> </u>       |               | <del>                                     </del> |           |                                                  |              |             | <del> </del> |          |         | <del>  </del>                                    |                  |                                        |           | <del>                                     </del> | 1                                                | -                                                |
|             |          | ļ.                      |                                                  |               | l              |               |                                                  |           |                                                  |              |             |              |          |         |                                                  |                  |                                        |           |                                                  |                                                  | 1                                                |
|             |          |                         | <del>                                     </del> | <del> </del>  | <del></del>    |               | <del>                                     </del> |           |                                                  |              |             | <del> </del> |          |         |                                                  |                  | J                                      |           |                                                  | <del> </del>                                     | <del>                                     </del> |
|             |          |                         |                                                  | 1             | ł              |               |                                                  |           |                                                  |              |             |              |          |         |                                                  |                  |                                        |           | }                                                | 1                                                |                                                  |
|             |          |                         | <del>                                     </del> | <del> </del>  | <del> </del>   |               | <del>                                     </del> |           |                                                  |              |             |              |          |         |                                                  |                  |                                        |           | <del> </del> -                                   | ┼                                                | <del></del>                                      |
|             |          |                         | 1                                                | 1             | <b>{</b>       |               | ŀ                                                |           | l                                                |              | !           |              | ]        |         | i i                                              |                  |                                        |           | ŀ                                                | 1                                                |                                                  |
|             |          |                         | <del> </del>                                     |               | <del> </del>   |               | <del> </del>                                     |           |                                                  | <del> </del> |             |              |          |         |                                                  |                  |                                        |           |                                                  | <del> </del>                                     |                                                  |
| j           |          |                         |                                                  |               | l              |               |                                                  |           |                                                  | 1            |             |              | 1        |         | i                                                |                  | [                                      |           |                                                  |                                                  |                                                  |
| <del></del> |          | <del></del>             | <del> </del>                                     | <del></del>   | <del> </del>   | ļ             | <del></del>                                      |           | <del>                                     </del> |              |             |              | <u> </u> |         |                                                  |                  |                                        |           |                                                  |                                                  |                                                  |
| Į.          |          | i                       | ŀ                                                |               | l              |               | ŀ                                                |           | l                                                |              |             |              |          |         |                                                  |                  | 1 1                                    |           |                                                  |                                                  |                                                  |
|             |          |                         |                                                  |               | <del> </del>   |               |                                                  | <b>-</b>  | <del> </del>                                     |              |             | ļ            |          |         |                                                  |                  | <del> </del>                           |           | ļ                                                |                                                  | <del> </del>                                     |
|             |          |                         |                                                  | 1             | ĺ              |               |                                                  | ļ         |                                                  |              |             |              | i l      |         |                                                  |                  |                                        |           | ŀ                                                | 1                                                | 1                                                |
| <del></del> |          | <u> </u>                | <del> </del>                                     | <del> </del>  | <del> </del> - | -             | <del> </del>                                     |           | <del> </del>                                     |              |             |              |          |         |                                                  |                  |                                        |           |                                                  |                                                  | ļ                                                |
|             |          |                         | ł                                                | 1             | 1              |               |                                                  |           | i                                                |              |             |              |          |         |                                                  |                  |                                        |           | l                                                | 1                                                | i                                                |
|             |          | <u> </u>                |                                                  |               |                |               |                                                  | <u> </u>  | <b> </b>                                         | <b>!</b> -   |             |              | <u> </u> |         |                                                  |                  |                                        |           |                                                  | <b></b>                                          | ļ                                                |
|             |          |                         | 1                                                | 1             | ł              |               |                                                  | 1         | l                                                |              |             |              |          |         |                                                  |                  |                                        |           | ł                                                | 1                                                |                                                  |
|             |          |                         | <del> </del>                                     | <del> </del>  | <b> </b>       |               | <u> </u>                                         |           | <u> </u>                                         |              |             |              | ļ        |         |                                                  |                  |                                        |           | <u></u> .                                        |                                                  |                                                  |
|             |          |                         | 1                                                | 1             | l              |               |                                                  |           | l                                                |              |             |              |          |         |                                                  |                  |                                        |           |                                                  |                                                  | 1                                                |
|             |          |                         | ├                                                |               | <u> </u>       |               | ļ                                                |           | <del> </del>                                     |              |             |              | <u> </u> |         |                                                  |                  |                                        |           |                                                  | ļ                                                | ļ                                                |
| 1           |          |                         | Į                                                |               | l              |               | Ī                                                | !         | Ì                                                |              |             |              |          |         |                                                  |                  |                                        |           |                                                  | 1                                                | 1                                                |
|             |          | <u> </u>                | <u> </u>                                         | <del> </del>  | <u> </u>       | <u> </u>      | ـــــا                                           |           | L                                                | L            | L           | L            | L        |         | إ                                                |                  | ــــــــــــــــــــــــــــــــــــــ |           | <u> </u>                                         |                                                  | <u> </u>                                         |
| lement (X)  |          | Σχ <sup>2</sup>         |                                                  |               | ZX             | -             | <u> </u>                                         | *x        | <del> -</del> -                                  | No. Ob       |             |              |          |         |                                                  |                  | ~                                      | Tempero   |                                                  |                                                  |                                                  |
| Ret. Hum.   |          |                         | 6733                                             | 1 7           | 7558           | 29            | 68.1                                             | 19.0      | 48                                               | 257          |             | ⊴ 0          | F 1      | 32 F    | ≥ 67                                             |                  |                                        | ≥ 80 F    |                                                  |                                                  | Total                                            |
| Dry Bul     |          |                         | 0097                                             |               | 0141           | 0.1           | 78.0                                             | 0.4       | 04                                               | 258          |             |              |          |         | 001                                              | 0 5              | 42.3                                   | 289.      |                                                  | 2.0                                              | 73                                               |
| Vet Sulb    |          |                         | 7763                                             |               | 7911           | 41            | 69.5                                             | 2.7       | 0/                                               | 257          |             |              |          |         | 240                                              | <u>8</u> 2       | 56.5                                   | •         |                                                  |                                                  | 73                                               |
| ew Point    | <u>1</u> | 1101                    | 5169                                             | L             | 6800           | 29            | 65.2                                             | 7.6       | 44                                               | 257          | 75          |              |          | •7      | 394                                              | 5                | 90.2                                   | •         | 11                                               |                                                  | 77                                               |
|             | erosur.  | 7\$2 <b>6100 611</b> 11 | ÷                                                | 7 m 19 (1907) | · garangan ina | ALCO PARTS OF | 10 67 6 30 5- 2                                  | C Ores    | eara Lear                                        | 12125.00     | 7. 100 pt 2 | ه لا الاستان |          | W 1/2   | avanus.                                          | 8.71             | -                                      |           | -                                                | <del>-,</del> ,                                  |                                                  |
|             |          |                         |                                                  | ·# "          | •              | 1 3           | 200                                              |           |                                                  | -            | -           |              |          |         | 7.0                                              | ,<br>, , , , , , | - 1 TV 1                               |           |                                                  | •                                                | r 52-                                            |
|             | -        |                         |                                                  |               |                |               | ~                                                | , · · · · | 7.1                                              | •            | •           | ٠. `         | -        |         |                                                  |                  |                                        |           |                                                  | -                                                | . ;                                              |
|             |          |                         |                                                  |               |                |               | -                                                | •         |                                                  |              |             | . *          |          |         | •                                                |                  |                                        |           |                                                  |                                                  | ,                                                |

38,40-74

RANDOLPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B./W.B. • 0 96/ 95 .0 94/ 93 92/ 91 138 •0 138 90/ 89 346 346 88/ 87 •1 525 526 793 793 86/ 85 1071 84/ 83 1068 1232 1234 82/81 1518 1520 80/ 78/ 77 • 0 1802 1802 2144 2144 791 131 75 1.8 76/ 1.3 1.0 .0 2154 2158 1900 74/ 73 • 0 2133 2134 2325 1584 72/ 71 2.1 1.5 2101 2104 2515 1969 70/ 69 2.1 .0 68/ 67 2.1 1.6 2013 2023 2618 1799 1799 2479 2062 66/ 65 1381 1382 2271 2140 63 1.4 1290 1294 1886 1914 62/ 61 1189 1191 1970 1686 883 887 1673 1565 1.3 60/ 59 58/ 57 .0 767 1469 1531 56/ 55 765 • 0 • 이 665 1346 1301 54/ 53 664 52/ 51 480 486 1183 1176 • 0 375 966 375 49 50/ 48/ 47 187 191 705 1154 • 1 139 46/ 45 142 466 1102 312 57 57 879 44/ 43 165 42/ 41 27 19 27 104 628 40/ 39 44 476 36/ 35 35 402 270 34/ 33 205 32/ 30/ 29 Element (X) Σχ² ZX No. Obs. Mean No. of Hours with Temperature ± 0 F Rel. Hum. Dry Bulb Wet Bulb Dew Point

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75 Straight weights designed the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straights of the straigh

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AIR WEATHER SERVICE/MAC

12911 RANDOLPH AFB TEXAS/SAN ANTONIO
STATION NAME

USAFETAC FORM O.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

|                    |     |                                                  |          |             |                                                  |              |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      | ,          | E 2            | HOURS                                            |                                                  |
|--------------------|-----|--------------------------------------------------|----------|-------------|--------------------------------------------------|--------------|--------------|---------------|--------------------------------------------------|--------------------------------------------------|---------|---------|----------|--------------------------------------------------|------------------------|---------|------|------------|----------------|--------------------------------------------------|--------------------------------------------------|
| Temp.              | 0   | 1                                                |          |             | -                                                |              | BULB .       |               | -                                                |                                                  |         |         |          | T                                                |                        |         |      | TOTAL      | <u> </u>       | TOTAL                                            |                                                  |
| 28/ 27             |     | 1 - 2                                            | 3 - 4    | 3.6         | 7 - 8                                            | 9 - 10       | 11 - 12      | 13 - 14       | 15 - 16                                          | 17 - 18                                          | 19 - 20 | 21 - 22 | 23 - 24  | 25 - 26                                          | 27 - 28                | 29 - 30 | ≥ 31 | U.B./ W.B. | Dry Bulb       | Wet Bulb                                         |                                                  |
| 26/ 25             |     |                                                  |          |             |                                                  |              |              |               | 1                                                | ŀ                                                |         |         |          | ŀ                                                |                        |         |      | }          |                |                                                  |                                                  |
| 24/ 23             |     | <del> </del>                                     |          |             | <b> </b> -                                       |              | <del> </del> |               | <del> </del>                                     |                                                  |         |         |          | <del> </del>                                     |                        |         |      |            | <del> </del>   | <del> </del>                                     | 2                                                |
| 22/ 21             |     |                                                  | 1        |             |                                                  |              |              |               |                                                  | }                                                |         |         |          | l                                                |                        |         |      |            |                | ]                                                | 2                                                |
| 20/ 19             |     |                                                  |          |             |                                                  | <b> </b>     | <del> </del> |               | <del>                                     </del> | <del> </del>                                     |         |         |          | <del>                                     </del> |                        |         |      |            | <del> </del> - | <del> </del>                                     | j                                                |
| 18/ 17             |     |                                                  |          |             |                                                  | ĺ            |              | ļ             |                                                  |                                                  |         |         |          | ļ                                                |                        |         |      |            |                | ļ                                                |                                                  |
| 16/ 15             |     |                                                  |          |             |                                                  |              | i —          |               |                                                  |                                                  |         |         |          | 1                                                |                        |         |      |            | i              |                                                  | <del>                                     </del> |
| 14/ 13             |     | <u> </u>                                         |          |             |                                                  |              | L            |               |                                                  | <u> </u>                                         |         |         |          |                                                  |                        |         |      |            | ļ              | <u></u>                                          |                                                  |
| 12/ 11             |     |                                                  |          |             |                                                  |              |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      |            |                |                                                  | Ī                                                |
| TAL                | 2.2 | 20.0                                             | 17.1     | 11.9        | 10.0                                             | 8.9          | 7.9          | 6.4           | 5.6                                              | 4.1                                              | 2.9     | 1.7     | , 9      | .3                                               | • 1                    | • 0     |      |            | 27373          |                                                  | 273                                              |
|                    |     |                                                  |          |             |                                                  |              |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         | 1    | 27321      | 1              | 27321                                            | .                                                |
|                    |     |                                                  | <u> </u> |             |                                                  |              |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      |            |                | ļ                                                | ļ                                                |
|                    |     |                                                  |          |             |                                                  |              | !            |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      |            |                |                                                  |                                                  |
|                    |     | <del>                                     </del> | -        |             |                                                  | <del> </del> |              | <del> </del>  |                                                  |                                                  |         |         | <u> </u> | <del> </del>                                     | <b></b>                |         |      |            |                | <del>                                     </del> | <del> </del>                                     |
|                    |     |                                                  |          |             | ļ                                                |              | ł            |               | l                                                |                                                  |         |         |          |                                                  | l i                    |         |      |            | !              |                                                  | 1                                                |
|                    |     | <del> </del>                                     |          |             | <u> </u>                                         | <del> </del> | <del> </del> | <del> </del>  | <del>                                     </del> | <del>                                     </del> |         |         |          |                                                  | <del></del> -          |         | -    |            | -              | <del> </del> -                                   | ┼                                                |
|                    |     |                                                  |          |             |                                                  | ļ            |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      |            |                |                                                  | ł                                                |
|                    |     |                                                  |          |             |                                                  | <b> </b>     |              |               |                                                  |                                                  |         |         |          | <del>                                     </del> |                        |         |      |            | <del></del>    | <del> </del>                                     | $\vdash$                                         |
|                    |     |                                                  |          |             | l                                                |              |              | 1             | 1                                                |                                                  |         |         |          |                                                  |                        |         |      |            |                |                                                  |                                                  |
|                    |     |                                                  |          |             |                                                  |              | i —          |               |                                                  |                                                  | •       |         |          |                                                  |                        |         |      | <u> </u>   |                |                                                  | 1                                                |
|                    |     |                                                  |          |             |                                                  |              |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      |            | L              |                                                  |                                                  |
|                    |     |                                                  |          |             | l                                                | ]            | •            |               | 1                                                |                                                  |         |         |          |                                                  |                        |         |      |            |                |                                                  |                                                  |
|                    |     |                                                  |          |             |                                                  | <u> </u>     | ļ            |               |                                                  |                                                  |         |         |          | <u> </u>                                         |                        |         |      |            |                | <u> </u>                                         | <u> </u>                                         |
|                    |     |                                                  |          |             |                                                  |              |              |               |                                                  | ļ                                                |         |         |          | ļ                                                |                        |         |      |            | 1              |                                                  | İ                                                |
|                    |     | ļ                                                |          |             | <u> </u>                                         | ļ            |              |               | <b> </b> -                                       |                                                  |         |         |          |                                                  |                        |         |      |            | <b> </b>       | ļ                                                |                                                  |
|                    |     | Į                                                |          |             |                                                  |              |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      |            | •              | ļ                                                | Ì                                                |
|                    |     | <del> </del>                                     |          |             |                                                  |              | <del> </del> | <del></del> - | <del></del>                                      | <del> </del>                                     |         |         |          | <del> </del>                                     |                        |         |      |            | <del> </del>   | <del> </del>                                     | ┼                                                |
|                    |     | 1                                                |          |             |                                                  |              |              |               |                                                  |                                                  |         |         |          | 1                                                |                        |         |      |            | 1              | ļ                                                |                                                  |
|                    |     |                                                  |          |             | <del>                                     </del> | 1            |              |               | <b>-</b>                                         | -                                                |         |         |          |                                                  | $\vdash \vdash \vdash$ |         |      |            | <del> </del>   | <del> </del>                                     | +                                                |
|                    |     |                                                  |          |             |                                                  |              |              |               | İ                                                |                                                  |         |         |          |                                                  |                        |         |      | ĺ          | 1              |                                                  |                                                  |
|                    |     |                                                  |          |             |                                                  |              |              |               |                                                  |                                                  |         |         |          |                                                  |                        |         |      |            |                |                                                  | T                                                |
|                    |     | <u> </u>                                         | L        |             | <u> </u>                                         |              |              |               | <u> </u>                                         | <u> </u>                                         |         |         |          |                                                  |                        |         |      |            |                |                                                  |                                                  |
| lement (X)         |     | 2 X2                                             | / O E =  | <del></del> | Σχ                                               |              | <u> </u>     | <b>7</b> x    |                                                  | No. Ob                                           |         |         |          |                                                  |                        |         |      | Temperat   |                |                                                  |                                                  |
| el. Hum.           |     | 3576                                             |          | 1           | 8383                                             |              | 67.3         | KT • 0        | 13                                               | 273                                              | 20      | ± 0 1   | F   :    | ± 32 F                                           | ≥ 67                   |         | 73 F | ≥ 80 F     | ≥ 93           |                                                  | Total                                            |
| ry Bulb<br>or Bulb |     | .3733<br>.0828                                   |          |             | 9196                                             |              | 70.1         | 7.7           | 4.5                                              | 273                                              |         |         |          |                                                  |                        |         |      | 134.       |                | • 5                                              | 7                                                |
|                    | 1   |                                                  |          |             | 7046                                             |              | 62.4         |               |                                                  | 273                                              |         |         |          |                                                  | 278                    |         |      |            | 이              |                                                  | 7                                                |
| Dew Point          |     | 9278                                             | 0211     | 1           | 5634                                             | 03           | 57.2         | 11.0          | 34                                               | 273                                              | 24      |         |          | 16,5                                             | 175                    | -1      | 23.1 |            |                |                                                  | _                                                |

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME

# **PSYCHROMETRIC SUMMARY**

VO11

| STATION                                 |     |            |       | 51         | ATION NA       | ME          |          |              |             |                                                  |          |     |              | 16           | ARS           |         |       |                    |              | MON            | N 1 M     |
|-----------------------------------------|-----|------------|-------|------------|----------------|-------------|----------|--------------|-------------|--------------------------------------------------|----------|-----|--------------|--------------|---------------|---------|-------|--------------------|--------------|----------------|-----------|
|                                         |     |            |       |            |                |             |          |              |             |                                                  |          |     |              |              |               |         |       | PAGE               | i i          |                | LL        |
|                                         |     |            |       |            |                |             |          |              |             |                                                  |          |     |              |              |               |         |       | , , ,              |              | HOURS (L       | L. S. T.) |
| Temp.                                   | 0   |            | •     |            |                |             |          |              |             |                                                  | SSION (  |     |              |              | 27 - 28       |         |       | TOTAL<br>D.B./W.B. | 0. 0.11      | TOTAL          |           |
| 90/ 89                                  |     | 1 - 2      | 3 - 4 | 5 - 6      | 7 - 8          | 9 - 10      | 11 - 12  | 13 - 14      | 15 - 16     | 17 - 18                                          | • 0      | • 0 | 23 - 24      | 25 - 26      | 27 - 28       | • 0     | \$ 31 | 7                  | Dry Builb    | WET DUID       | Dew Poli  |
| 88/ 87                                  |     | j          |       |            |                |             |          |              | .0          | .0                                               |          | •0  | • 0          | .0           | .0            | •0      |       | 31                 | 31           |                |           |
| 86/ 85                                  |     |            |       |            |                |             |          | •0           | •0          |                                                  |          | •0  | .0           |              | •0            | ••      |       | 65                 | 65           |                |           |
| 84/ 83                                  | 1   | l          | ļ     | 1          |                | •0          | .1       | .1           | .1          | ĭ                                                | i        | •0  | .1           | .0           |               |         |       | 164                | 164          |                |           |
| 32/ 81                                  | -   |            |       | •0         | • 1            | • 2         |          |              |             |                                                  | • 1      | •0  |              |              |               |         |       | 307                | 307          |                |           |
| 80/ 79                                  |     | . 0        | • 0   | .1         | . 2            | .3          |          |              |             |                                                  |          | • 1 | .1           |              | .             |         |       | 464                | 464          | 1              |           |
| 78/ 77                                  |     | •0         | • 0   | • 3        | • 4            | • 4         |          |              |             |                                                  |          | • 1 | • 0          |              |               |         |       | 600                | 600          |                |           |
| 76/ 75                                  |     | • 1        | . 4   | • 4        | • 5            | .5          |          |              |             |                                                  |          | .1  | .0           | .0           |               |         |       | 857                | 857          | 11             |           |
| 14/ 73                                  | 1   | • 4        | • 7   | .7         | • 5            | • 4         |          |              |             | .2                                               | • 2      | .1  | •0           |              |               |         |       | 1052               | 1053         | 121            | 2         |
| 72/ 71                                  | .0  | . 9        | . 8   | 7          | • 6            | .4          |          | • 3          | • 3         | .3                                               | . 2      | • ì | • 0          |              |               |         |       | 1267               | 1272         | 507            | 15        |
| 70/ 69                                  | • 1 | 1.4        | 1.4   | • 8        | • 4            | • 5         |          |              |             |                                                  |          | • 1 |              |              |               |         |       | 1645               |              |                | 54        |
| 8/ 67                                   | • 2 |            |       | • 5        | •4             | • 3         |          |              |             |                                                  |          | •0  |              |              |               |         |       |                    | 1498         |                |           |
| 66/ 65                                  | • 3 | 1.6        |       | • 4        | • 4            | • 4         |          |              |             |                                                  |          |     |              | i            | !             |         |       | 1583               | 1585         |                |           |
| 54/ 63                                  | • 4 | 1.6        | • 9   | •6         | - 4            | • 5         |          | • 5          |             |                                                  |          | •0  |              | <u></u>      |               |         |       |                    | 1536         |                |           |
| 2/ 61                                   | • 4 | 1.5        |       | • 6        | • 6            | • 6         |          |              |             |                                                  |          |     | l            |              | }             |         |       | 1617               | 1620         |                |           |
| 0/ 59                                   | • 3 |            |       | - 7        | _•7            |             |          |              |             |                                                  |          |     |              |              |               |         |       |                    |              |                |           |
| 58/ 57                                  | • 2 | 1.5        |       | -8         | • 7            | .6<br>.8    | •6       | .3           |             |                                                  |          |     |              |              |               |         |       | 1594               | 1599         |                |           |
| 56/ 55<br>54/ 53                        | • 2 | 1.4        | 1.1   | • 8<br>• 9 | 8.             |             |          |              |             |                                                  |          |     |              | <b> </b> -   |               |         |       | 1424               | 1557<br>1426 |                |           |
| 52/ 51                                  | .1  | 1.1        | 1.0   | . 8        | . 8<br>. 7     | • 7         | 1        | l .          |             |                                                  |          |     |              | ŀ            |               |         |       |                    |              | 1710           |           |
| 0/ 49                                   | 2   | 1.3        | 1.1   | • 9        | - 8            | •6          |          |              |             |                                                  | -        |     |              | <del> </del> |               |         |       | 1362               |              |                |           |
| 48/ 47                                  | . 2 | 1.2        | 9     | . 8        | .7             | •4          |          | .0           |             | ]                                                |          |     |              |              |               |         |       | 1121               | 1125         |                |           |
| 46/ 45                                  | • 1 | . 9        | • 7   | • 9        | • 6            |             |          |              |             | <del>                                     </del> |          |     |              | i            |               |         |       | 935                | 941          | 1696           |           |
| 44/ 43                                  | 1   | ,7         | . 9   | .7         | .4             | .1          | .i       | ''           |             | ĺ                                                |          |     |              |              |               |         | ļ     | 793                | 799          |                |           |
| 42/ 41                                  | . 1 | ,6         | .7    | •6         | .2             | .1          |          |              |             |                                                  |          |     |              |              |               |         |       | 602                | 608          |                |           |
| 0/ 39                                   | . 1 | • 5        | • 6   | . 4        | . 1            | .0          | •0       | l            |             |                                                  |          |     | <u> </u>     | l            |               |         |       | 482                | 483          | 1015           | 111       |
| 38/ 37                                  | • 1 | . 4        | • 3   | • 3        | •1             | •0          |          |              |             |                                                  |          |     |              |              |               |         |       | 327                | 327          | 856            |           |
| 36/ 35                                  | •0  | • 3        | • 3   | • 2        | •1             |             |          |              |             |                                                  | <u> </u> |     | <u> </u>     |              |               |         |       | 233                | 233          | 576            |           |
| 34/ 33                                  | • 1 | • 2        | • 3   |            | • 1            |             |          |              | :           |                                                  |          |     |              | l            |               |         | 1     | 185                | 185          |                |           |
| 32/ 31                                  | !   | • 1        | • 1   | • 1        | •0             |             | <u> </u> | ļ            | ļ           | ļ                                                |          |     |              | <u> </u>     |               |         |       | 83                 | 83           | 256            |           |
| 30/ 29                                  |     | - 1        | • 0   |            | • 0            |             |          |              |             | l                                                |          |     |              |              | ĺĺ            |         |       | 42                 | 42           | 161            | 8         |
| 28/ 27<br>26/ 25                        |     | •0         | •0    |            | •0             |             |          | <del> </del> |             | <del></del>                                      |          |     | <del> </del> | <del> </del> | <del>  </del> |         | ├—    | 17                 | 17<br>12     | 91<br>36       | 67<br>50  |
| 26/ 25<br>24/ 23                        |     | .0         | •0    | ! 1        |                |             |          | ļ            |             |                                                  |          |     |              |              |               |         |       | 12                 | 14           | 23             |           |
|                                         |     | Zy2        | • C   |            | ž <sub>X</sub> | <del></del> | · X      | •,           | <del></del> | No. O                                            | L        |     | L            | <u> </u>     | Mega N        | o. of H |       | h Temperat         | 7            | 2.3            | J. 3      |
|                                         | L   | <u>- x</u> |       | <u> </u>   |                |             |          |              |             | ,,,,,,,,,                                        | -        | ≤ 0 | F            | ≤ 32 F       | × 67          |         | 73 F  | - 80 F             | × 93 1       |                | Total     |
|                                         |     |            |       |            |                |             |          |              |             |                                                  |          |     |              |              |               |         |       |                    |              |                |           |
| Rel. Hum.                               |     |            |       |            |                |             |          |              |             |                                                  |          |     | +            |              | -             | _       |       | 1                  | 1            | <del>-  </del> |           |
| Element (X) Rel. Hum. Dry Bulb Wet Bulb |     |            |       |            |                | _           |          |              | $\dashv$    |                                                  |          |     | 1            |              |               | 1       |       |                    |              |                |           |

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

RANDOLPH AFB TEXAS/SAN ANTONIO

## **PSYCHROMETRIC SUMMARY**

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|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           | PAG         | E 2         | HOURS (     | LL<br>L. S. T.) |
|------------------|-------------|--------------|----------|----------|--------------|----------|--------------|-----------------------|---------|---------|---------|-------|--------|---------|-----------|--------|-----------|-------------|-------------|-------------|-----------------|
| Temp.            |             |              |          |          |              | WET      | BULB         | TEMPER                | ATURE   | DEPRE   | SSION ( | F)    |        |         |           |        |           | TOTAL       |             | TOTAL       |                 |
| (F)              | 0           | 1 - 2        | 3 - 4    | 5 - 6    | 7 - 8        | 9 - 10   | 11 - 12      | 13 - 14               | 15 - 16 | 17 - 18 | 19 - 20 | 21    | ° - 24 | 25 - 26 | 27 - 28 2 | 9 - 30 | ≥ 31      | D.B./W.B.   | Dry Bulb    | Wet Bulb    | Dew Pois        |
| 22/ 21 20/ 19    |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             | 15<br>4     |                 |
| 18/ 17<br>16/ 15 |             |              |          |          |              |          |              |                       |         |         |         | _     |        |         |           |        |           |             |             |             | 114             |
| 14/ 13           |             |              |          |          |              |          |              |                       |         |         |         |       |        | -       |           |        |           |             |             |             | 70<br>52        |
| 12/ 11           |             |              | <u> </u> |          | <del> </del> |          | <del> </del> |                       |         |         |         |       |        |         |           |        |           |             |             |             | 34<br>34        |
| 8/ 7             | <del></del> |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             | 35<br>32<br>16  |
| 4/ 3<br>2/ 1     |             | _            |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             | 16              |
| 0/ -1            |             | ļ            | <u> </u> |          |              |          | ļ            |                       |         |         |         |       |        |         |           |        |           |             |             |             | 1               |
| DTAL             | 3.2         | 22.1         | 18.5     | 14.1     | 11.4         | 9.5      | 7.3          | 5.3                   | 3.9     | 2.2     | 1.2     | •6    | • 3    | .1      | •0        | •0     |           |             | 26530       |             | 26463           |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           | 26462       |             | 26462       |                 |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             |                 |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             |                 |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             |                 |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             |                 |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             |                 |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             | <b></b>         |
|                  |             |              |          |          |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             |             |                 |
|                  |             | <del> </del> | -        |          |              |          |              |                       |         |         |         |       |        | -       | +         |        |           |             |             |             | <del> </del>    |
|                  |             |              |          | <u> </u> |              |          |              |                       |         |         |         |       |        |         |           |        |           |             |             | <del></del> |                 |
| Element (X)      |             | Σχ²          | L        |          | żχ           |          | 7            | <i>σ</i> <sub>χ</sub> | $\Box$  | No. Obs |         |       |        |         | Mean No   | of H   | ours with | Temperat    | ut <b>e</b> |             | L               |
| Rel. Hum.        | 1           | 3050         | 0520     | 1        | 7693         | 32       | 66.7         | 21.40                 | 56      | 2646    | 51      | ± 0 F |        | ≤ 32 F  | ≥ 67 F    |        | 73 F      | ≥ 80 F      | × 93 I      |             | Total           |
| Dry Bulb         |             | 9746         |          | 1        | 5792         | 21       | 59.5         | 11.4                  | 14      | 2653    | 30      |       |        | 4.4     | 216.      | 2      | \$6.3     | 22.         | 2           |             | 720             |
| Wet Bulb         |             | 7730         |          |          | 4031         | 041      | 53.0         | 10.4                  | 88      | 2646    | 2       |       | $\Box$ | 15.9    |           |        | 3.6       |             |             | 7           | 720             |
| Dew Point        |             | 6330         | 7549     | 1        | 2434         | <u> </u> | 47.0         | 13.5                  | 9.61    | 2646    |         |       |        | 17.9    |           |        | • 8       | <del></del> |             |             | 720             |

RANDOLPH AFB TEXAS/SAN ANTONIO

12911

STATION

#### **PSYCHROMETRIC SUMMARY**

DEC

STATION NAME PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 43 - 24 25 - 26 27 - 28 29 - 30 D.B./W.B. Dry Buth Wet Bulb Dew Point 7 - 8 ≥ 31 90/ 89 88/ 87 2 86/ 85 • 0 ī 84/ 83 82/ 61 • 0 52 • 0 80/ 79 • 0 108 108 78/ 77 183 183 • 0 • 0 76/ 75 .0 316 316 741 •0 426 426 . 1 602 604 35 70/ 69 68 909 911 180 67 68/ 1106 1113 498 2^2 1.3 66/ 65 482 862 1270 1273 64/ 63 1219 1223 1067 732 .6 1222 1226 1044 1527 1531 1029 62/ 61 1.1 942 60/ 59 .0 921 57 58/ 1.4 1565 1571 1143 918 55 56/ 1602 1607 924 1355 54/ 53 1768 1435 1763 1109 52/ 1612 1618 1621 49 50/ 1766 1777 1896 1171 47 48/ 1549 1554 1799 1228 1.7 46/ 45 1.1 1.3 1571 1923 1566 1215 44/ 43 1409 1413 1964 1266 42/ 41 1.3 1.4 1215 1218 1864 1406 39 40/ 1106 1107 1671 1494 • 9 38/ 37 .0 763 764 1520 1293 • 7 • 3 35 36/ ٠0 537 587 1136 1424 34/ 33 • 3 439 859 439 1381 639 1524 32/ 31 245 245 30/ 29 <u> 19</u>7 198 438 1235 • 1 179 178 28/ 263 946 26/ 25 57 69 203 966 24/ 730 40 141 Element (X) No. Obs. Mean No. of Hours with Temperature Pel. Hum. 10F ≤ 32 F ≥ 67 F ≥ 73 F > 80 F ≥ 93 F Total Dry Bulb Wet Bulb Dew Point

ö EDITIONS PREVIOUS ব ಠ 0-26-3 (

USAFETAC FORM O-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME

|             |     |       |       |          |                                                  |          |              |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          |                                                  | PAG        | · ~         | AL HOURS (L | . S. T.) |
|-------------|-----|-------|-------|----------|--------------------------------------------------|----------|--------------|---------|--------------------------------------------------|--------------------------------------------------|-----------|--------------------------------------------------|---------|--------------|--------------------------------------------------|----------|--------------------------------------------------|------------|-------------|-------------|----------|
| Temp.       |     |       |       |          |                                                  |          | BULB '       |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          |                                                  | TOTAL      |             | TOTAL       |          |
| (F)         | 0   | 1 - 2 | 3 • 4 | 5 - 6    | 7 . 8                                            | 9 - 10   | 11 - 12      | 13 - 14 | 15 - 16                                          | 17 - 18                                          | 19 - 20   | 21 - 22                                          | 23 - 24 | 25 - 26      | 27 - 28                                          | 29 - 30  | ≥ 31                                             | D.B./W.B.  | Dry Bulb    | Wet Bulb (  | Dew P    |
| 22/ 21      |     | • 0   | • C   |          |                                                  |          | 1            |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          | I                                                | 9          | 9           | 58          | 58       |
| 20/ 19      | .0  | •0    | • 0   | ļ        | 1                                                |          |              |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          |                                                  | 4          | 4           | 19          | 40       |
| 18/ 17      |     |       |       |          |                                                  |          |              | i       |                                                  |                                                  |           |                                                  |         |              |                                                  |          |                                                  |            |             | 2           | 34       |
| 16/ 15      |     |       |       | ļ        | 1                                                | l        | 1            |         |                                                  | ,                                                | 1         | Į i                                              |         | ]            |                                                  |          | 1                                                |            |             | 1           | 22       |
| 14/ 13      |     |       |       |          |                                                  |          | †            |         |                                                  | !                                                |           |                                                  |         |              |                                                  |          |                                                  |            |             |             | 11       |
| 12/ 11      |     |       |       |          | 1                                                | 1        | 1            |         | ļ                                                |                                                  | [         |                                                  |         | Í            |                                                  |          | i                                                |            |             |             | 9        |
| 10/ 9       |     |       |       |          |                                                  |          | i            |         |                                                  | i —                                              |           |                                                  |         |              | i                                                |          |                                                  |            |             |             | :        |
| 8/ 7        |     |       | - 1   | 1        |                                                  | <u> </u> | 1            |         |                                                  | İ                                                | l         |                                                  | İ       | ļ            |                                                  | }        | İ                                                | 1          |             |             |          |
| 6/ 5        |     |       |       |          | <u> </u>                                         |          |              |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          | T                                                |            |             |             | - 7      |
| 4/ 3        |     |       |       | ŀ        |                                                  | i        |              | l       | l                                                |                                                  | l         |                                                  |         | l            |                                                  | ļ        |                                                  |            |             | 1 1         |          |
| 2/ 1        |     |       |       |          | 1                                                |          |              |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          |                                                  |            |             |             | ,        |
| 0/ -1       |     |       |       | ľ        |                                                  |          | 1            |         |                                                  |                                                  |           |                                                  |         | 1            |                                                  |          |                                                  | 1          |             |             |          |
| -2/ -3      |     |       |       |          | <del>                                     </del> |          |              |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          | T                                                |            |             |             |          |
| -6/ -7      |     |       |       |          |                                                  |          |              | ļ       |                                                  |                                                  |           |                                                  |         |              | [                                                | Į        |                                                  |            |             |             |          |
| -8/ -9      |     |       |       | i        | <del>                                     </del> |          | <u> </u>     | 1       |                                                  | <u> </u>                                         |           |                                                  |         |              |                                                  | i        |                                                  |            |             |             |          |
| DTAL        | 5.5 | 24.4  | 20.0  | 15.0     | 11.2                                             | 8.5      | 5.9          | 4.2     | 2.7                                              | 1.3                                              | .7        | .4                                               | .1      | .0           |                                                  | .0       | ļ                                                |            | 26735       |             | 256      |
|             |     |       |       |          | 1                                                |          | 1            |         |                                                  |                                                  |           |                                                  |         |              |                                                  | i        |                                                  | 26656      |             | 26657       |          |
|             |     |       |       |          |                                                  |          |              |         |                                                  |                                                  | -         |                                                  |         | ļ            |                                                  | ļ        |                                                  |            |             |             |          |
|             |     |       |       | <u> </u> |                                                  |          | Ì            |         | i                                                |                                                  |           |                                                  |         |              |                                                  |          |                                                  |            |             |             |          |
|             |     | ]     |       |          | ļ                                                |          |              |         |                                                  | i                                                |           | 1                                                | ŀ       |              | 1                                                | i        | ĺ                                                | 1 1        |             |             |          |
|             |     |       |       | i        |                                                  |          |              |         |                                                  |                                                  |           |                                                  |         |              | 1                                                |          |                                                  |            |             |             |          |
|             |     |       |       |          |                                                  |          |              |         | 1                                                | ł                                                |           | ļ                                                | Į       |              | 1                                                | l        | ļ                                                |            |             |             |          |
|             |     |       |       | <u> </u> | 1                                                |          |              | 1       |                                                  |                                                  |           |                                                  |         | i            |                                                  |          | i                                                |            |             |             |          |
|             |     |       |       |          |                                                  | 1        |              |         |                                                  | 1                                                |           | 1                                                |         | 1            |                                                  |          | İ                                                |            |             |             |          |
|             |     |       |       |          |                                                  | ;        |              |         |                                                  |                                                  | 1         | 1                                                |         | i            |                                                  |          |                                                  |            |             |             |          |
|             |     |       |       |          |                                                  | ì        |              |         | l                                                | 1                                                |           |                                                  | ]       | 1            |                                                  |          | 1                                                |            |             |             |          |
|             |     |       |       |          |                                                  |          |              |         |                                                  |                                                  |           |                                                  |         |              |                                                  |          |                                                  |            |             |             |          |
|             |     |       |       | 1        | 1                                                |          |              |         | ļ                                                | İ                                                |           |                                                  | l       | Į            |                                                  |          | 1                                                |            |             | <b>!</b>    |          |
|             |     |       |       |          |                                                  |          |              |         | i                                                |                                                  |           |                                                  |         |              | 1                                                |          |                                                  |            |             | 1           |          |
| [           |     | l i   |       | ŀ        | 1                                                |          |              |         |                                                  | 1                                                | ł         | l                                                |         | 1            |                                                  |          |                                                  |            |             | 1 :         |          |
|             |     | l     |       | <u> </u> | 1                                                |          | <del> </del> |         |                                                  | <del>                                     </del> | <b></b> - | <del>                                     </del> |         |              | <del>                                     </del> |          | <del> </del>                                     |            |             |             |          |
|             |     |       |       | 1        |                                                  |          | 1            |         |                                                  |                                                  | ]         |                                                  | 1       | i            |                                                  | ļ        |                                                  |            |             |             |          |
|             |     |       |       |          | 1                                                | <u> </u> | !            |         | <del>                                     </del> |                                                  | <b></b>   | <del>                                     </del> |         | <del> </del> | $\vdash$                                         |          | <del>                                     </del> | 1          |             |             |          |
|             |     |       |       |          |                                                  | L        |              |         | L                                                |                                                  |           |                                                  |         |              |                                                  | 1        |                                                  | <u> </u>   |             |             |          |
| Element (X) |     | ZX2   |       |          | Σχ                                               |          | X            | •,      |                                                  | No. O                                            | s.        |                                                  | ,       |              | Mean I                                           | No. of H | ours wit                                         | h Temperal | ure         |             |          |
| Rel. Hum.   | 1   | 3508  | 4222  | 1        | 8096                                             | 62       | 67.9         | 21.4    | 14                                               | 266                                              | 55        | ≤ 0                                              | F       | 1 32 F       | ≥ 67                                             |          | 73 F                                             | ≥ 80 F     | <b>* 93</b> | F T         | Total    |
| Dry Bulb    |     | 7952  | 6731  | . 1      | 14264                                            | 05       |              | 11.3    |                                                  | 267                                              | 35        |                                                  |         | 20.7         | 104                                              | . 1      | 21.0                                             | 3.         | 5           |             | 7        |
| Wet Bulb    |     | 6347  | 5838  | ,        | 2714                                             | 12       | 47.7         | 10.3    | 14                                               | 266                                              | 57        |                                                  |         | 49.2         |                                                  | •0       | - 1                                              |            |             |             | 7        |
| Dew Point   |     | 5067  |       |          | 1079                                             |          | 41.6         | 13.1    | 75                                               | 255                                              |           |                                                  | .2 2    | 04.2         |                                                  | •6       |                                                  |            |             |             | 7        |

FORM O-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

| 12911          | RA         | NDOL    | PH A  |            |          |            | ANT     | ONIO     |         | 39-                                              | <del>7</del> 5 |                                                  |        |                                                  |                |              |                                                  |             |           |            | 411                |
|----------------|------------|---------|-------|------------|----------|------------|---------|----------|---------|--------------------------------------------------|----------------|--------------------------------------------------|--------|--------------------------------------------------|----------------|--------------|--------------------------------------------------|-------------|-----------|------------|--------------------|
| STATION        |            |         |       | Sī         | ATION NA | ME         |         |          |         |                                                  |                |                                                  |        | 71                                               | ARS            |              |                                                  | FAGE        | . ,       |            |                    |
|                |            |         |       |            |          |            |         |          |         |                                                  |                |                                                  |        |                                                  |                |              |                                                  | . 41-6      | . r       | HOURS (L   | -(127ù<br>. s. t.) |
| Temp.          |            |         |       |            |          | WET        | BULB T  | EMPER.   | ATURE   | DEPRE                                            | SSION          | (F)                                              |        |                                                  |                |              |                                                  | TOTAL       |           | TOTAL      |                    |
| (F)            | 0          | 1 - 2   | 3 - 4 | 5 - 6      | 7 - 8    | 9 - 10     | 11 - 12 | 13 - 14  | 15 - 16 | 17 - 18                                          | 19 - 20        | 21 - 22                                          | 23 - 2 | 4, 25 - 26                                       | 27 - 28        | 29 - 30      | ≥ 31                                             | D.B W.B.    | Dry Bulb  | Wet Bulb   | Dew Point          |
| 72/ 71         |            | • 0     | . 1   |            |          |            |         | Ī        |         |                                                  |                |                                                  |        |                                                  |                |              |                                                  | 3           | 3         |            |                    |
| 70/ 69         |            | • 6     |       |            |          |            |         |          |         |                                                  |                |                                                  |        | ↓                                                |                |              | <u> </u>                                         | 41          | 41        | 4          |                    |
| 68/ 67         | • 1        | 1.7     | •6    | • 1        |          |            |         |          | •0      |                                                  |                |                                                  |        |                                                  |                |              |                                                  | 37          | 87        | 33         | 15                 |
| 66/ 65         | -6         |         | •5    |            |          |            |         |          | 1       | •0                                               |                | <u> </u>                                         |        | <del> </del>                                     |                |              | <del></del>                                      | 101         | 1^1<br>70 | 107        | 81                 |
| 64/ 63         | • 4        |         |       |            | ,        | • 0        |         | •0       |         | ,                                                |                |                                                  |        | 1                                                | i              |              |                                                  | 79          | · í       | 105        | 100                |
| 62/ 61         | • 5<br>• 8 | 1.5     | • 2   | - <u>0</u> | • 1      | • 1<br>• 1 | • 1     | •1       |         | .1                                               |                |                                                  |        |                                                  |                |              | <del> </del>                                     | 103         | 40<br>103 | 74<br>82   | 95                 |
| 58/ 57         | 5          |         | . 6   | .5         | 2        | .3         | . 2     | 1        | .1      |                                                  |                |                                                  |        | 1                                                |                |              | i                                                | 153         | 158       | 82         | 70                 |
| 36/ 55         | • 5        |         |       | .7         | • 6      | •3         | • 2     |          |         |                                                  | <u> </u>       | <del>                                     </del> | -      |                                                  | <del> </del>   |              | <del>                                     </del> | 194         | 197       | 114        | 89                 |
| 54/ 53         | 5          | 1.9     |       | . 8        | .3       | .4         | .3      |          |         |                                                  | ĺ              |                                                  |        |                                                  | ļ              |              |                                                  | 180         | ies       | 127        | 108                |
| 52/ 51         | .9         |         |       | 1.1        | .5       | • 5        | • 2     |          |         |                                                  |                | 1                                                |        | 1                                                | <del> </del>   |              | 1                                                | 220         | 222       | 156        | 122                |
| 50/ 49         | . 5        |         | 1.3   | 1.1        | 1.0      | . 7        | . 1     |          |         |                                                  |                |                                                  |        |                                                  |                |              | ⊥                                                | 238         | 242       | 171        | 124                |
| 48/ 47         | •4         |         | 1     | 1.1        | 1.3      | • 5        | •0      |          |         |                                                  | i              |                                                  |        |                                                  |                |              |                                                  | 224         | 226       | 191        | 134                |
| 46/ 45         | . 5        |         |       | 1.3        | 1.0      | • 6        |         |          |         | <u> </u>                                         | <u> </u>       |                                                  |        |                                                  | <u> </u>       |              | <u> </u>                                         | 235         | 235       | 510        | 131                |
| -44/ -43       | • 7        | .2.2    |       | 1.6        | • 8      | • 3        |         |          |         |                                                  |                | 1                                                |        | 1                                                |                |              |                                                  | 230         | 230       | 219        | 161                |
| 42/ 41         | • 5        |         |       | 1.2        | • 5      | .3         |         |          |         | <u> </u>                                         | <b> </b>       | <del>                                     </del> |        | <del>                                     </del> | <b></b> -      |              | <b>↓</b>                                         | 221         | 271       | 239        | 172                |
| 40/ 39         | • 6        |         | 2.3   | 1.1        | • 7      | • 1        |         |          |         |                                                  |                |                                                  |        |                                                  |                |              | j                                                | 208         | 278       | 263        | 183                |
| 38/ 37         | <u>.6</u>  |         |       | •9<br>•8   | •4       | •1         |         |          |         |                                                  | <del> </del>   |                                                  |        |                                                  | <del> </del> - |              | <del></del>                                      | 184         | 126       | 245<br>219 | 154<br>158         |
| 34/ 33         | . 4        |         |       | .4         | 1        | • 1        |         |          |         | į                                                | i              | i l                                              |        | 1                                                | 1              |              | 1                                                | 111         | 114       | 162        | 198                |
| 32/ 31         | • 5        |         |       | - 4        | .1       |            |         |          |         | <del> </del>                                     |                | ╂╾╌┤                                             |        | <del></del>                                      | <del> </del>   | <u> </u>     | +                                                | 106         | 106       | 168        | 202                |
| 30/ 29         | . 3        |         | 1.1   | . 4        |          |            |         |          |         |                                                  |                | 1 1                                              |        | -                                                | İ              |              | ł                                                | 99          | 79        | 115        | 185                |
| 28/ 27         | •0         | •6      |       | • 3        |          |            |         |          |         | <del>                                     </del> | <del> </del>   |                                                  |        | <del> </del>                                     |                |              | 1                                                | 51          | 51        | 91         | 139                |
| 26/ 25         | • -        | .6      |       | . 1        |          |            |         |          |         |                                                  |                |                                                  |        | 1                                                | ļ              |              | i                                                | 40          | 40        | 64         | 1,55               |
| .24/ 23        |            | • 3     | •4    |            |          |            |         |          |         |                                                  |                | 1                                                |        |                                                  | Τ              |              | 1                                                | 25          | 25        | 53         | 110                |
| 22/ 21         | _          | • 4     |       | • 0        |          |            |         |          |         |                                                  | l              | <u> </u>                                         |        | <u> </u>                                         | <u> </u>       |              |                                                  | 22          | 22        | 42         | 91                 |
| 20/ 19         | • 1        | • 2     |       | • 1        |          |            |         |          |         |                                                  |                |                                                  |        |                                                  |                |              |                                                  | 22          | 22        | 27         | 65                 |
| 18/ 17         | •0         |         |       | •0         |          |            |         |          |         | <u> </u>                                         | <u> </u>       | <u> </u>                                         |        | ļ                                                | <u> </u>       |              | <del> </del>                                     | 8           | . 8       | 12         | 74                 |
| 16/ 15         |            | •0      |       |            |          |            |         |          |         |                                                  |                |                                                  |        |                                                  |                | 1            |                                                  | 2           | 2         | 14         | 60                 |
| 14/ 13         | <u> </u>   | •1      |       |            |          |            |         |          |         | <del> </del> -                                   | <del> </del>   | <del>  </del>                                    |        |                                                  | <del> </del>   | <del> </del> | ┼                                                | 3           | 4         | <u>4</u>   | 26                 |
| 12/ 11   10/ 9 | •0         |         |       |            |          |            |         |          |         | İ                                                |                |                                                  |        | İ                                                |                |              |                                                  | 1           | *         | 2          | 23                 |
| 8/ 7           |            | <b></b> | ├─┤   |            |          |            |         |          |         | -                                                | <del> </del> - | ┧╌┈┤                                             |        | +                                                | <del> </del>   | <del> </del> | +                                                | ┼──         |           |            | $\frac{23}{17}$    |
| 6/ 5           |            |         |       |            |          |            |         |          |         |                                                  |                |                                                  |        |                                                  |                |              |                                                  |             |           |            | 15                 |
| Element (X)    |            | ZX'     |       |            | z x      |            | X       |          |         | No. Ol                                           |                | <del> </del>                                     |        | ·                                                | Mean           | No. of 1     | Hours wil                                        | h semperati | ure       |            |                    |
| Rel. Hum.      |            |         |       |            |          |            |         |          | _       |                                                  |                | ± 0 1                                            | : T    | ± 32 F                                           | ≥ 67           |              | = 73 F                                           | € 80 F      | ≥ 93 I    | : 1        | Total              |
| Dry Bulb       |            |         |       |            |          |            |         |          |         |                                                  |                |                                                  |        |                                                  |                |              |                                                  |             |           |            |                    |
| Wet Bulb       |            |         |       |            |          |            |         |          |         |                                                  |                |                                                  | $\Box$ |                                                  |                |              |                                                  |             |           |            |                    |
| Dew Point      |            |         |       |            |          |            |         | <u> </u> |         |                                                  |                |                                                  |        |                                                  |                |              |                                                  |             |           |            |                    |

RANDOLPH AFB TEXAS/SAN ANTONIO

#### PSYCHROMETRIC SUMMARY

JAN

STATION NAME PAGE 2 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 10 0/ -1 1 -4/ -5 2 -6/ -7 -8/ -9 5 10.137.724.313.9 7.8 4.3 1.3 3417 3401 3401 3401 X 76.018.538 No. Obs. Mean No. of Hours with Temperature Element (X) 258387 159127 3401 20799083 Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 0 F ≤ 32 F Total 46.611.088 43.211.445 93 Dry Bulb 7830423 3417 10.3 3.6 16.3 6803347 147049 3401 93 Wet Bulb 1.1 Dew Point 38,714.321 93 5797525 131703 3401 33.1

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C FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE C3SOLETE

USAFETA

RANDOLPH AFB TEXAS/SAN ANTONIU

#### **PSYCHROMETRIC SUMMARY**

MAL

U300-0500 PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F; 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | \* 31 D.B./W.B. Di, Bulb Wet Bulb Dew Poin 70/ 69 34 34 68/ 67 72 72 O 66/ 65 105 1.8 97 97 58 64/ 63 1.8 88 88 100 117 62/ 61 1.4 79 79 93 104 60/ 59 93 <u> 101</u> 93 86 58/ 57 1.1 1.4 • 0 124 124 84 79 75 123 122 53 54/ 1.9 •0 149 88 107 149 51 52/ 2.8 220 142 2.3 50/ 49 168 1.4 241 239 119 47 48/ 205 207 165 133 46/ 45 217 218 180 128 44/ 43 234 236 137 41 42/ 2.0 227 227 222 173 39 37 40/ 240 172 38/ .8 .4 .3 2.8 1.0 244 244 250 149 1.7 170 172 250 165 •5 •3 34/ 33 1.4 111 113 214 198 32/ 31 189 122 155 • 3 30/ 49 1.2 94 141 1.1 94 203 28/ 85 152 155 26/ 25 49 49 84 23 24/ 25 66 115 .3 99 22/ 21 33 39 • 7 33 20/ 77 26 17 18/ .2 14 14 20 58 16/ 17 64 13 14/ • 2 35 3 34 10/ • 0 24 8/ 19 6/ No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10 F ≤ 32 F Dry Bulb Wet Bulb Dew Point

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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12911

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| 2911<br>STATION | RA   | NDOL            | PH A                                             |          | EXAS                                             |               | TMA      | 0110    | <del></del> | <u>39-</u>                                       | 75             |                |         | YE           | ARS      |          |          | PAG          | E 2      |              | AN<br>NTH<br>-050<br>L. S. T.) |
|-----------------|------|-----------------|--------------------------------------------------|----------|--------------------------------------------------|---------------|----------|---------|-------------|--------------------------------------------------|----------------|----------------|---------|--------------|----------|----------|----------|--------------|----------|--------------|--------------------------------|
| Temp.           |      |                 |                                                  |          |                                                  | WET           | BULB     | FMPER   | ATURE       | DEPRE                                            | SION           | F)             |         |              |          |          |          | TOTAL        | <u> </u> | TOTAL        |                                |
| (F)             | 0    | 1 - 2           | 3 · 4                                            | 5 - 6    | 7 . 8                                            | 9 - 10        | 11 - 12  | 13 - 14 | 15 - 16     | 17 - 18                                          | 19 - 20        | 21 . 22        | 23 - 24 | 25 . 26      | 27 - 28  | 29 - 30  | * 31     | D.B./W.B.    | Dry Bulb |              | Dew Por                        |
| 2/ 1<br>0/ -1   |      |                 |                                                  |          | , ,                                              | <u>, - 10</u> |          | 10 11   | 10 10       | 177.10                                           | 1              |                |         | 100          |          |          |          |              |          |              |                                |
| -4/ -5          |      |                 |                                                  |          |                                                  |               |          |         |             |                                                  |                |                |         |              | -        |          |          |              |          |              |                                |
| -6/ -7<br>DTAL  | 12.8 | 41.8            | 22.8                                             | 11.7     | 6.3                                              | 2.4           | • 7      | • 2     | • 1         | .1                                               |                |                |         | ļ            |          | <u> </u> | ├        |              | 3423     |              | 340                            |
| UIAC            | 1240 | 71.00           | 22.0                                             | 1101     | 0,5                                              | 267           | • '      | • 4     | • 1         | ••                                               | <u></u>        |                |         |              |          |          |          | 3405         |          | 3405         |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             |                                                  |                |                |         |              |          |          |          |              |          |              |                                |
|                 |      |                 | <u> </u>                                         |          |                                                  |               |          |         |             |                                                  |                |                |         |              |          |          |          |              |          |              |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             |                                                  | <b></b>        |                |         |              |          |          | <u></u>  |              | <u> </u> |              |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             |                                                  |                |                |         |              |          |          | -        | <del> </del> | <u> </u> |              |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             | -                                                | <u> </u><br>   | <u> </u>       |         |              |          |          |          | <del> </del> |          | <u> </u>     |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             | <u> </u>                                         | <u> </u>       |                |         |              |          |          |          |              |          |              |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             |                                                  |                |                |         |              |          |          |          |              |          |              |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             |                                                  |                |                |         |              |          |          |          |              |          |              |                                |
|                 |      |                 | <b> </b>                                         |          |                                                  |               |          |         |             |                                                  |                |                |         |              |          |          |          |              |          |              |                                |
|                 |      |                 | -                                                |          |                                                  |               |          |         | <u> </u>    | <del>                                     </del> |                | <del> </del> - |         | -            |          |          | -        | <del> </del> |          |              |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         | <u> </u>    |                                                  | <del> </del> - | -              |         | <del> </del> |          |          |          |              |          | ļ            | -                              |
|                 |      |                 |                                                  | <u> </u> | ļ                                                |               | <u> </u> |         | <u> </u>    | <u> </u>                                         | <u> </u>       |                |         |              |          | ļ        |          | <u> </u>     |          |              | <u> </u>                       |
|                 |      |                 |                                                  |          | <br>                                             |               |          |         |             |                                                  |                |                |         | -            |          |          |          |              |          |              |                                |
|                 |      |                 |                                                  |          |                                                  |               |          |         |             |                                                  |                |                |         |              |          |          |          |              |          |              |                                |
|                 |      |                 |                                                  |          | <del>                                     </del> |               |          |         |             |                                                  |                |                | <br>    |              |          |          |          |              |          | 1            |                                |
|                 |      | <del> </del>    | <del>                                     </del> |          | <del> </del> -                                   | <b></b> -     |          |         |             |                                                  | <del> </del>   | <del> </del>   |         |              |          |          | <u> </u> | <del> </del> |          | <del> </del> | -                              |
| Element (X)     |      | Z <sub>X²</sub> |                                                  |          | 7: X                                             |               | <u> </u> | •,      |             | No. O                                            |                | <u></u>        | L       | J            | Mean     |          |          | th Tempera   | ture     | L            | <u> </u>                       |
| Rel. Hum.       |      | 2204            | 2576                                             |          | 2672                                             | 98            | 78.5     | 17.6    | 40          |                                                  | :05            | ± 0            | F       | : 32 F       | ≥ 67     |          | 73 F     | ≥ 80 F       | » 93     | F            | Total                          |
| Dry Bulb        |      | 741             | 8394                                             | <b> </b> | 1544                                             | 98            | 45.1     | 11.4    | 11          |                                                  | 23             |                | - —     | 12.6         | 2        | .9       |          |              | _        |              | ~                              |
| Wet Bulb        |      |                 | 571 <u>0</u>                                     |          | 1439                                             |               | 42.3     | 11.8    | 34          |                                                  | 1/15           |                |         | 18.4         | <u> </u> | .8       |          |              | _        |              |                                |
| Dew Point       |      | 27(             | 7787                                             | <u> </u> | 1303                                             | 71            | 20.3     | 14.4    | 27          | 34                                               | 105            |                | • 3     | 34.7         | <u> </u> | •2       |          |              |          |              | ç                              |

RANDOLPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

JAN!

U600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dow Point (F) 72/ 71 70/ 69 57 68/ 67 1.3 67 15 2.2 111 75 66/ 65 .0 91 64/ 63 1.6 72 96 1.1 62/ 61 8 શ્ર 83 107 •9 1•1 98 50/ 59 1.9 116 116 86 .0 58/ 57 94 94 <u>1 სი</u> 103 56/ 55 1.7 59 98 69 • 1 • 1 • 1 91 98 54/ 53 2. 150 •5 •2 52/ 51 3.0 182 188 115 89 • 1 50/ 49 223 181 48/ 47 1.8 180 130 124 1.6 46/ 45 169 119 229 44/ 43 . 8 2.6 1.3 . 8 . 0 244 246 218 132 177 431 203 39 407 2,1 231 145 231 2.4 232 37 38/ 2.1 1.8 225 259 162 1.6 172 36/ 35 2.3 172 268 171 • 7 • 1 34/ 33 1.8 130 140 188 185 32/ 31 118 194 198 1.8 122 30/ 29 134 183 120 28/ 27 1.5 85 85 130 167 26/ 25 60 88 165 24/ 23 . 5 38 30 691 121 47 22/ 21 30 112 20/ 19 25 22 25 24 80 32 18/ 17 60 16 15 10 59 16/ 10 • 1 • 1 50 12/ 11 37 ,0 11 10/ 27 8/ 17 6/ Σx Mean No. of Hours with Temperature Element (X) No. Obs. - 67 F - 73 F > 80 F Dry Bulb Wet Bulb

39-75

18.77.81

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSC

USAFETAC FORM, 0-26-3 (C

Dew Point

RANDOLPH AFB TEXAS/SAN ANTUNIU

12911

#### **PSYCHROMETRIC SUMMARY**

JAN

C600-0800 HOURS (L. S. T.) PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Wet Bulb Dew Point 4/ 5 2/ 6 0/ --1 -2/-3-4/ -5 3 --6/ --7 TOTAL 13.144.522.212.2 3409 3409 3409 79.017.244 44.411.586 41.712.022 Element (X) ZX2 z<sub>x</sub> 269350 No. Obs. Mean No. of Hours with Temporature 22295120 7229276 6432150 3409 Rei. Hum. ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 93 F 152332 142296 14.2 Dry Bulb 3428 2.5 93 93 Wet Bulb 3409 129027 3409 36.1 93

(M) 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.

### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIU STATION NAME NONTH 1 ∆ N

0900-1100 HOURS (L. S. T.) PAGE 1

| Ref   1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Temp.       |                                       |       |       |       |       | WET    | BULB 1  | FEMPER                                           | ATURE        | DEPRE                                            | SSION (  | F)      |            |              |             |               | TOTAL        |             | TOTAL    |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|-------|-------|-------|-------|--------|---------|--------------------------------------------------|--------------|--------------------------------------------------|----------|---------|------------|--------------|-------------|---------------|--------------|-------------|----------|-----------|
| 78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (F)         | 0                                     | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14                                          | 15 - 16      | 17 - 18                                          | 19 - 20  | 21 - 22 | 23 - 24    | 25 - 26      | 27 - 28 29  | - 30 ≥ 3      | D.B./W.B.    | Dry Bulb    | Wet Bulb | Dew Point |
| Tot   Tot   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total   Total    | 82/81       |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              | •0          |               | 1            | 1           |          |           |
| Tell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                       |       |       |       |       |        |         |                                                  |              | <u> </u>                                         | .0       | • 0     | <u>• 0</u> |              |             |               | 1 3          |             | L        |           |
| 72/ 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       |       | . 1   | • 0    |         | • 0                                              |              |                                                  |          |         |            |              |             | i             |              |             |          |           |
| TOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                       |       | 0     | • 2   |       |        | • 1     |                                                  |              | .0                                               | • 0      | • 0     |            |              |             |               |              |             |          | J         |
| 68/ 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       | • 0   | • 4   |       | • 0   | . 1    | •0      |                                                  | ĺ            | .0                                               |          |         |            | İ            |             | 1             | 37           |             |          | 1         |
| 66/ 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       | 1.0   |       |       |        |         | . 1                                              |              |                                                  | . 1      | • 1     |            |              |             |               |              | 1           |          | 2         |
| 64/ 63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       | • 4   | . 2   |        |         |                                                  | •2           | .1                                               | .0       | • 0     |            |              |             |               |              |             |          |           |
| 62 / 61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       |       |       |       |       | - 1    |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             |          |           |
| Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   C |             |                                       |       |       | • 3   |       | • 2    |         | • 3                                              | .4           |                                                  |          |         |            | <b>i</b> .   |             |               |              |             |          |           |
| 58/ 57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       | • 3   |       |        |         | • 5                                              | . 4          |                                                  |          |         |            |              |             |               |              |             |          |           |
| Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set   Set  |             |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            | l            | 1 1         |               |              |             |          |           |
| 52/ 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       | . 8   |       |       |        |         |                                                  |              |                                                  |          |         |            | <u> </u>     |             |               |              |             |          |           |
| S2 / S1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       |       |       |       |       |        |         |                                                  |              |                                                  | l.       |         |            |              |             |               |              |             |          |           |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | •6                                    |       |       | .9    |       | 101    | . 5     | . 2                                              | •0           |                                                  |          |         |            | ļ            |             | i_            |              |             |          |           |
| 48/ 47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             | - 1           |              |             |          |           |
| 46/ 45    -5    1.6    1.1    1.2    1.1    -6    -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                       |       |       |       |       |        |         | • 1                                              |              | ļ                                                |          |         |            |              |             |               |              |             |          |           |
| 44/ 43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             |          |           |
| 42/ 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | • 2                                   |       |       |       |       |        |         |                                                  |              | ļ                                                |          |         |            | <u> </u>     |             |               |              |             |          |           |
| 40/ 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | • (                                   |       |       |       |       |        |         |                                                  | İ            |                                                  |          |         |            |              |             |               |              |             |          |           |
| 38/ 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       |       |       |        |         | <u> </u>                                         |              | <del> </del>                                     | <u> </u> |         |            | <u> </u>     | <del></del> |               |              |             |          |           |
| 36/ 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             |          |           |
| 34   33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       |       |       |       |       | • 0    |         | <del> </del>                                     |              |                                                  |          |         |            | ļ            | <del></del> |               |              |             |          |           |
| 32 / 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       |       |       |       |       |        |         | ĺ                                                | 1            |                                                  |          |         |            | 1            |             |               |              |             |          |           |
| 30/ 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32/ 31      |                                       | - 3   |       |       |       |        |         | <del> </del>                                     |              | <del>                                     </del> | -        |         |            | <del> </del> |             | <del></del>   |              |             |          |           |
| 28/ 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       |       |       |        |         |                                                  |              | i                                                |          |         |            |              |             | - 1           |              |             |          |           |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                                       |       | - 5   |       |       |        |         |                                                  |              | <del> </del>                                     |          |         |            |              |             |               |              |             |          |           |
| 24/ 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                                       |       |       |       |       |        |         |                                                  |              | ļ                                                |          |         |            |              | i           | - 1           |              |             |          |           |
| 22 / 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | •                                     |       |       |       |       |        |         | <del>                                     </del> | <del> </del> |                                                  |          |         |            | <del> </del> | -           |               |              |             |          | 87        |
| 20 / 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       | 3     |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             |          |           |
| 18 / 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | · · · · · · · · · · · · · · · · · · · |       |       |       |       |        |         |                                                  |              | <b></b>                                          |          |         |            |              |             | $\neg \vdash$ |              |             |          |           |
| 16/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             |          | i 1       |
| 14/13       346         Element (X)       ∑x²       Zx       X       x       No. Obs.       Mean No. of Hours with Temperature         Rel. Hum.       ≤0F       ≤32F       ≥67F       ≥73F       ≥80F       ≥93F       Total         Dry Bulb       Wet Bulb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                                       |       |       |       |       |        |         | $\vdash$                                         |              |                                                  | l        |         |            | <u> </u>     |             |               |              | <del></del> |          |           |
| Rel. Hum.     ± 0 F     ± 32 F     ≥ 67 F     ≥ 73 F     ≥ 80 F     ≥ 93 F     Total       Dry Bulb     Wet Bulb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |                                       |       |       |       |       |        |         | _                                                | <u> </u>     |                                                  | L        |         |            | <u> </u>     |             |               |              | [           | 3        |           |
| Dry Bulb Wet Bulb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Element (X) |                                       | Σχ²   |       |       | žχ    |        | X       | - ×                                              |              | No. O                                            | 8.       |         |            |              | Mean No.    | of Hours      | with Tempera | ture        |          |           |
| Wet Bulb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Rel. Hum.   |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          | ± 0 ∣   | F          | 32 F         | ≥ 67 F      | ≥ 73          | ≥ 80 F       | ≥ 93 1      | F        | Total     |
| <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Dry Bulb    |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             |          |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             |          |           |
| Dew Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Dew Point   |                                       |       |       |       |       |        |         |                                                  |              |                                                  |          |         |            |              |             |               |              |             | تالي     |           |

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-3 (OL A) JUN 71 USAFETAC

| DATA | PRUCESS | ING  | BRANCH   |
|------|---------|------|----------|
| USAF | ETAC    |      |          |
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RANDOLPH AFB TEXAS/SAN ANTONIO

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#### **PSYCHROMETRIC SUMMARY**

UAL

| 3 - 4 5 - 6 | WET 6 7 - 8 9 - 10    | BULB TE                                       |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              | PAG                                          | <u> </u> | HOURS (L                                          | L. S. T.) |
|-------------|-----------------------|-----------------------------------------------|-----------------------|---------------------------|-------------------------------|----------------------------------|-------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------|---------------------------------------------------|-----------|
| 3-4 5-6     |                       |                                               |                       |                           |                               |                                  |                                     | 00 01                                  |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
| 3-4 5-6     | 6 7 - 8 9 - 10        | 11 - 12 1                                     | 3 - 14                | 15 - 16                   | 17 - 18                       | 19 - 20                          | 21 22                               | 00.04                                  |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
|             |                       |                                               |                       |                           |                               |                                  | 21 . 22                             | 23 - 24                                | 25 - 26                                   | 27 - 28                                   | 29 - 30                                      | ≥ 31                                         | D.B./W.B.                                    | Dry Bulb | Wet Bulb                                          | Dew Po    |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   | 2         |
|             |                       |                                               | ı                     | ļ                         |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          | _ [                                               | 2         |
|             | , i                   |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   | 1         |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
|             |                       |                                               |                       | _                         |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              | 1        | ı İ                                               |           |
|             |                       | <u>i                                     </u> |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              | !                                            | !!       |                                                   | l         |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
| 3 20.6 16.  | . 1 11.9  <b>7.</b> 7 | 5.0                                           | 2.3                   | 1.6                       | • 4                           | .1                               | • 1                                 | •0                                     |                                           | • 0                                       |                                              |                                              |                                              |          |                                                   | 340       |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              | 3404                                         |          | 3404                                              |           |
| 1 1         | 1 1                   | li                                            |                       |                           |                               |                                  |                                     |                                        |                                           |                                           | i <b>I</b>                                   | I                                            | 1                                            |          |                                                   |           |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          |                                                   |           |
| 1 1         | 1 1                   |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           | . 1                                          |                                              |                                              |          |                                                   |           |
|             |                       |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          | <u> </u>                                          |           |
| 1 1         | 1 1                   |                                               |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              |                                              |          | i                                                 | ı         |
|             |                       | $\sqcup$                                      |                       |                           |                               |                                  |                                     |                                        |                                           |                                           | <b></b>                                      |                                              |                                              | L        |                                                   |           |
|             |                       |                                               |                       |                           |                               | İ                                |                                     |                                        |                                           |                                           | 1                                            |                                              |                                              |          |                                                   | İ         |
|             |                       | 1                                             |                       |                           |                               |                                  |                                     |                                        |                                           |                                           |                                              |                                              | , ,                                          | į !      |                                                   | ı         |
|             | 320.616               | 320.616.111.9 7.7                             | 320.616.111.9 7.7 5.0 | 320.616.111.9 7.7 5.0 2.3 | 320.616.111.9 7.7 5.0 2.3 1.6 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 .1 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 .1 .0 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 .1 .0 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 .1 .0 .0 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 .1 .0 .0 | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 .1 .0 .0 |          | 320.616.111.9 7.7 5.0 2.3 1.6 .4 .1 .1 .0 .0 3404 |           |

39-75

2x<sup>2</sup> 17945632 9088986 7442509 6009573 X x 69,421,402 50,211,422 45,411,253 39,414,649 Z<sub>X</sub> 236180 171998 No. Obs. 3404 Element (X) Mean No. of Hours with Temperature ± 32 F 6 • 5 ≤ 0 F ≥67 F ≥ 73 F ≥ 80 F 3423 93 7.5 Dry Bulb 93 93 154491 Wet Bulb 3404 11.3 2.1 134055 Dew Point 3404

RANDOLPH AFB TEXAS/SAN ANTONIU

#### **PSYCHROMETRIC SUMMARY**

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| JIATION      |              |       |          | 3,         | ~ * 1 UN N | ME        |          |          |         |          |              |                       |         | , .                                              |               |       |               |            |          | ,,,,,,,    | ****      |
|--------------|--------------|-------|----------|------------|------------|-----------|----------|----------|---------|----------|--------------|-----------------------|---------|--------------------------------------------------|---------------|-------|---------------|------------|----------|------------|-----------|
|              |              |       |          |            |            |           |          |          |         |          |              |                       |         |                                                  |               |       |               | PAGE       | = 1 _    | 1200       | -1400     |
| r r          |              |       |          |            |            | WET       | OUC D 7  | FURE     | 471105  | DEPRE    | SCION (      | E\                    |         |                                                  |               |       |               | TOTAL      |          | TOTAL      |           |
| Temp.<br>(F) | 0            | 1 - 2 | 3 - 4    |            |            |           |          |          |         |          |              |                       | 22 2:   | 25 24                                            | 27 - 28       | 20 20 | ≥ 31          | D.B./W.B.  |          |            | Dew Point |
| 88/ 87       |              | 1 - 2 | 3 - 4    | 3.6        | / - 8      | 9 - 10    | 11 - 12  | 13 - 14  | 13 - 16 | 17 - 18  | 19 - 20      | 21 - 22               | 23 • 24 | 25 - 26                                          | 27 - 28       |       | 231           | 2          | 2        | 127 0010   | DEW FOIL  |
|              |              |       |          |            |            |           |          |          |         |          |              |                       |         | ١,                                               |               | ٠Ţ    |               | 3          | 4        |            |           |
| 86/ 85       |              |       |          |            |            |           |          |          |         |          |              |                       |         | • •                                              |               | 0     |               |            | - 2      |            |           |
| 84/ 83       | - 1          |       |          |            | 1          |           |          | ,        | •0      | Į l      | ,            | _ ا                   | • 0     |                                                  | • 1           |       |               | 4          |          |            |           |
| 82/ 81       |              |       |          | +          |            |           | • 0      | • 1      | • 1     | <u> </u> | • 1          | •0                    | •0      | •1                                               |               |       |               | 11         | 11       |            |           |
| 78/ 77       | ı            |       |          | ما         |            | • 0       | . 3      | • 1      | • 1     | .0       | • 1          | • 1                   | ,       |                                                  | • 0           |       |               | 24<br>52   | 24<br>52 |            |           |
|              |              |       |          | 0          | • 2        | • 2       |          | • 2      | •1      | -1       | • 1          | • 1                   | .1      | •0                                               | <del> </del>  |       |               | 75         | 75       |            |           |
|              | 1            |       | • 0      | • 1        | • 6        | •5<br>•7  | • 2      |          |         | •1       | • 2          | • 1                   |         | •0                                               |               |       |               |            | 132      |            |           |
| 74/ 73       |              | 1     | • 1      | • 7<br>• 9 | <u>. 8</u> |           | • 4      | •1       | •2      | •3       | <u>• 4</u>   | • 3                   | .0      | <del></del>                                      | <del> </del>  |       |               | 132<br>170 | 170      | 3          |           |
| 70/ 69       |              | • 1   | •6<br>•7 |            |            | • 7       |          |          | .2      |          |              |                       | • 17    |                                                  |               |       |               | 198        | 198      | 25         |           |
| 68/ 67       | <del> </del> | • 4   | .8       | .7         | 1.1        | <u>.6</u> | •5<br>•6 | • 4      | .4      | .9       |              | •1                    |         | <del></del>                                      | <del>  </del> |       |               | 168        | 168      | 116        | 18        |
| 66/ 65       | ,            | • 4   | .8       | 1.1        | .5         | .9        | .6       | 9        | .7      | .6       |              |                       |         | 1                                                |               |       |               | 224        | 224      | 132        | 74        |
| 64/ 63       | - 1          | • 4   | .6       | 1.7        | - 8        | .8        | .8       |          |         |          |              |                       |         | <del>                                     </del> |               |       |               | 214        | 215      | 133        | 92        |
| 62/ 61       | .1           | . 6   | • 5      | . 4        | .6         | 1.0       |          | 8        |         |          |              | ]                     |         |                                                  | !             |       |               | 196        | 199      | 154        | 117       |
| 60/ 59       | . 2          | 1.1   | • 9      | 7          | • 7        | . 8       |          |          | •4      |          | <del> </del> |                       |         | <del> </del>                                     |               |       | -             | 233        | 235      | 156        | 107       |
| 58/ 57       | • -          | 8     | 4        | . 4        | . 5        | .6        |          |          | .2      | i        |              |                       |         |                                                  |               |       | ĺ             | 150        | 151      | 164        | 150       |
| 56/ 55       | • 3          | • 6   | .6       | - 5        | .7         |           |          | ,6       |         | * ^      |              |                       |         | <del></del>                                      |               |       | -             | 191        | 192      | 192        | 157       |
| 54/ 53       | 1            | . 6   | .6       | . 6        | - 6        | 1.0       |          |          |         |          | 1            |                       |         |                                                  |               |       | ľ             | 173        | 174      | 204        | 109       |
| 52/ 51       | . 2          | . 8   | • 6      | • 6        | . 9        | 1.1       | •7       |          |         | -        |              |                       |         | <u> </u>                                         |               |       |               | 186        | 197      |            | 98        |
| 50/ 49       | 1            | 1.2   | .7       | . 6        | . 9        | 9         | ó        |          |         | i        |              |                       |         | 1                                                |               |       |               | 178        | 179      | 254        | 129       |
| 48/ 47       | • 1          | . 6   |          | • 7        | • 5        | • 6       |          |          |         |          |              |                       |         |                                                  |               |       | <del> </del>  | 115        | 117      | 251        | 152       |
| 46/ 45       | - 4          | . 9   |          |            | . 5        | . 6       |          |          |         |          |              |                       |         | 1                                                |               |       |               | 131        | 131      | 224        | 146       |
| 44/ 43       | . 2          | • 9   | .7       | .4         | ,3         | , 5       |          |          |         |          | i            |                       |         | $\vdash$                                         |               |       |               | 103        | 104      | 215        | 152       |
| 42/ 41       | . 3          | • 9   |          | . 3        | . 4        | . 4       |          | l        | 1       |          | ŀ            | ļ                     |         |                                                  |               |       |               | 105        | 105      | 209        |           |
| 40/ 39       | • 4          | . 9   |          | .3         | . 4        | . 2       |          |          |         |          |              |                       |         |                                                  |               |       |               | 94         | 94       | 180        | 171       |
| 38/ 37       | . 2          | • 2   | • 2      | .4         | . 4        | .3        |          |          |         |          | İ            |                       |         | Ì                                                | , ,           |       | ļ             | 55         | 55       | 139        | 181       |
| 36/ 35       | • 1          | • 2   |          | • 5        | • 3        | • 1       |          |          |         |          | T            |                       |         |                                                  |               |       |               | 49         | 49       | 81         | 177       |
| 34/ 33       | . 1          | . 4   | .3       | . 3        | . 1        | .0        |          |          | 1       |          |              |                       |         |                                                  |               |       | ļ             | 43         | 43       | 66         |           |
| 32/ 31       | • 2          | . 4   | .2       | •1         | • 1        |           |          |          |         | Γ        |              |                       |         |                                                  |               |       | l             | 34         | 34       | 74         | 169       |
| 30/ 29       |              | • 4   | .3       | • 2        | . 1        |           |          |          |         |          |              |                       |         |                                                  |               |       |               | 35         | 35       | <u> 56</u> |           |
| 28/ 27       | i            | • 3   | • 3      | • 2        | •0         |           | Ī        |          |         |          |              |                       |         | i                                                |               |       | [             | 26         | 26       | 48         | 126       |
| 26/ 25       | ]            | • 1   | . 2      | . 1        | • 0        |           |          | <u> </u> |         |          |              | L                     |         |                                                  |               |       |               | 12         | 12       | 26         |           |
| 24/ 23       |              | • 1   | • 1      | • 0        |            |           |          |          |         |          | 1            |                       |         |                                                  |               |       |               | 6          | 6        | 24         |           |
| 22/ 21       |              | • 2   | • 1      | • 1        |            |           |          |          |         |          | <u> </u>     |                       |         |                                                  |               |       | L             | 12         | 12       | 1,8        | 84        |
| Element (X)  | Σχ2          |       |          | Σχ         |            |           | X        | · ,      |         | No. Obs. |              | Mean No, of Hours wil |         |                                                  |               |       | h Temperature |            |          |            |           |
| Rel. Hum.    |              |       |          |            |            |           |          |          |         |          |              | ⊴ 0                   | F       | ≤ 32 F                                           | ≥ 67          | F 2   | 73 F          | ≥ 80 F     | ≥ 93 F   |            | Total     |
| Dry Bulb     |              |       |          |            |            |           |          |          |         |          | - 1          |                       | - 1     |                                                  | 1             | - 1   |               | i          | 1        | - 1        |           |

O-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Wet Bulb Dew Point

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RANDOLPH AFB TEXAS/SAN ANTONIU

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## **PSYCHROMETRIC SUMMARY**

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STATION NAME PAGE 2 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 20/ 19 18/ 17 11 53 39 39 16/ 14/ 13 12/ 11 31 15 8/ 6/ 5 41 10 2/ 6 0/ -1 -2/ -3 ·~4/ ·~5 6 TOTAL 3.013.812.612.713.614.410.0 8.2 3403 3404 3404 Element (X) No. Obs. Zx3 Mean No. of Hours with Temperature 196912 3403 Rel. Hum. 13134654 ± 32 F ≥ 67 F ≥ 80 F ≥ 73 F ≥ 93 F 194821 166538 93 11619855 3418 Dry Bulb 3.4 22.8 8.2 1.0

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ( 0.26-3 (OL A)

C USAFETAC

Wet Bulb

RANDOLPH AFB TEXAS/SAN ANTONIO

STATION NAME

#### PSYCHROMETRIC SUMMARY

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1500-1700 HOURS (L. S. T.) PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1.2 3.4 5.6 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 90/ 89 88/ 87 86/ 85 . 1 84/ 83 82/ 81 80/ 78/ 73 76/ 72/ 71 .1 70/ 69 127 68/ 66/ 65 1.0 1.0 64/ 63 62/ . 8 60/ 59 134 58/ 1.3 50/ • 6 • 6 48/ 46/ 42/ 38/ 36/ នូន 34/ 32/ 27 25 . 1 30/ 28/ 26/ Element (X) ≥ 80 F ± 0 F s 32 F ≥ 67 F ≥ 73 F ≠ 93 F Total Dry Bulb Wet Bulb

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THIS FORM ö ಠ 0-26-3 (

# **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION          | RA  | NOOL                | PH A   | FB T     | FXAS                   | /SAN           | ANT     | ONIU    |         | 30-     | 75      |         |         | - <del></del>  | EARS     |          |                                                  |              |          | J           | AN       |
|--------------------------|-----|---------------------|--------|----------|------------------------|----------------|---------|---------|---------|---------|---------|---------|---------|----------------|----------|----------|--------------------------------------------------|--------------|----------|-------------|----------|
|                          |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  | PAG          | E 2      | 1500        | -1700    |
| Temp.                    |     |                     |        |          |                        | WET            | BULB    | TEMPER  | ATURE   | DEPRE   | SSION ( | F)      |         | ~              |          |          |                                                  | TOTAL        | Ī        | TOTAL       |          |
| (F)                      | 0   | 1 - 2               | 3 - 4  | 5 - 6    | 7 - 8                  | 9 - 10         | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26        | 27 - 28  | 29 - 3   | 0 231                                            | D.B. W.B.    | Dry Bulb | Wet Bulb    | Dew Poin |
| 22/ 21 20/ 19            |     | .2<br>.C            |        | •1       |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  | 10           |          |             | 8ó       |
| 18/ 17                   |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  |              |          | 5           |          |
| 14/ 13 12/ 11            |     |                     |        |          |                        |                |         |         |         |         |         |         |         | <del> </del> - |          |          |                                                  |              |          |             | 35       |
| 10/ 9                    |     |                     |        |          |                        | <del> </del> - |         |         |         |         |         |         |         |                |          |          | <del>                                     </del> |              |          |             | 18       |
| 6/ 5                     |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                |          |          | +                                                | <del> </del> |          |             | 9 7      |
| 2/ 1 0/ -1               |     |                     |        | <u> </u> |                        |                |         |         |         |         |         |         |         |                |          |          | +                                                |              |          |             | 6        |
| -2/ -3<br>-4/ -5         |     |                     |        |          |                        |                |         |         | i       |         |         |         |         |                |          |          | †                                                |              | l        |             | 5        |
| DTAL                     | 2.5 | 10.6                | 10.0   | 11.4     | 11.7                   | 12.7           | 12.0    | 10.1    | 7.2     | 4.9     | 3.3     | 2.0     | 1.0     | •2             | • 3      | •        | 1 •1                                             | 3424         | 3431     | 3424        | 3424     |
|                          |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  |              |          |             |          |
|                          |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  |              |          |             |          |
|                          |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  |              |          |             |          |
|                          |     |                     |        |          | ļ                      |                |         |         |         |         |         |         |         |                | ļ        | <u> </u> |                                                  | <u> </u>     |          |             |          |
|                          |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  |              |          |             |          |
|                          |     |                     |        |          |                        |                |         |         |         |         |         |         |         |                | <u> </u> |          |                                                  | <u> </u>     | <br>     |             |          |
|                          |     |                     | ļ      |          |                        |                |         |         |         |         |         |         |         |                |          |          |                                                  | <u> </u>     |          |             |          |
|                          |     |                     |        | <u> </u> |                        | <u> </u>       |         |         |         |         |         |         |         |                |          |          | <u> </u>                                         |              |          |             |          |
| e)                       |     | Zx'                 | ļ<br>L | ļ        |                        |                |         |         |         |         |         |         |         |                | <u> </u> | <u> </u> | <u> </u>                                         | <u> </u>     |          |             |          |
| Element (X)<br>Rel. Hum. |     | 1168                | E70/   |          | z <sub>x</sub><br>1842 | 24             | X       | 22.7    | _       | No. Ol  |         |         |         |                |          |          |                                                  | h Tempera    |          |             |          |
| Dry Bulb                 |     | $\frac{1168}{1254}$ |        |          | 2028                   | 20             | 50 1    | 22.7    | 04      |         | 24      | ± 0     | F       | 1 32 F         | ≥ 67     |          | ≥ 73 F                                           | > 80 F       | * 93     | F           | Total    |
| Wet Bulb                 |     |                     | 5289   |          | 1702                   |                |         | 12.7    |         |         | 31      |         |         | 2.5            |          |          | 14.4                                             | 2.           | <u> </u> | <del></del> | 93       |
| lew Point                |     |                     | 3444   |          | 1766                   |                | 49 · /  | 10.4    | 03      |         | 24      |         | _       | 5.7            |          | -6       |                                                  | <u> </u>     |          |             | 9:       |

C USAFETAC FORM O-26-3 (OL A) PREVIOUS COTHIS FORM ARE OBSOLETE

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FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

O USAFETAC

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THE TOTAL PROPERTY.

RANDOLPH AF8 TEXAS/SAN ANTONIO

# **PSYCHROMETRIC SUMMARY**

|                         |     |                  |            |            |                |                |            |            |            |         |          |         |              |              |                                                  |          |                | PAGE        | Ē 1               |                        | -2000<br>L. s. t.) |
|-------------------------|-----|------------------|------------|------------|----------------|----------------|------------|------------|------------|---------|----------|---------|--------------|--------------|--------------------------------------------------|----------|----------------|-------------|-------------------|------------------------|--------------------|
| Temp.                   |     |                  |            |            |                | WET            | BULB 1     | EMPER      | ATURE      | DEPRE   | SSION    | (F)     |              |              |                                                  |          |                | TOTAL       |                   | TOTAL                  |                    |
| (F)                     | 0   | 1 - 2            | 3 - 4      | 5 - 6      | 7 - 8          | 9 - 10         | 11 - 12    | 13 - 14    | 15 - 16    | 17 - 18 | 19 - 20  | 21 - 22 | 23 - 24      | 25 - 26      | 27 - 28                                          | 29 - 30  | ≥ 31           | D.8./W.B.   | Dry Bulb          | Wet Bulb               | Dew Point          |
| 80/ 79<br>78/ 77        |     |                  |            | •0         |                | •0             | •0         | •0         | .0         | .0      |          |         | <br>  .ɔ     | .0           | ı                                                |          |                | 2 7         | 2<br>7            |                        |                    |
| 76/ 75                  |     |                  | •0         | • 1<br>• 3 | • 1<br>• 3     | • 3            | •1         | •0         | • l<br>• l | .0      |          | .1      | •0           |              |                                                  |          |                | 28<br>37    | 28<br>37          |                        |                    |
| 72/ 71                  |     | ,                | • 6        | .7         | • 6            | • 2            | • 1        | • 2        | .1         | .1      | • 1      | -       |              | <u> </u>     | <u> </u>                                         |          | 1              | 95          | 95                | 2                      | _                  |
| 70/ 69                  | • 1 | •4               | • 8<br>• 8 | •9         | •5             | ,3             | • 3        | <u>.3</u>  | •1         | ,3      | • 1      |         | <del> </del> | <del> </del> | <del>                                     </del> |          | ┼—             | 136         | $\frac{136}{137}$ | 76                     | <u>2</u><br>15     |
| 66/ 65                  | • 0 | 1.0              | 1.1        | 1.0        | • 5            | • 6            | • 4<br>• 4 | . 5        | .1         | .1      | 1        | <br>    |              |              |                                                  |          |                | 154         | 154               | 32                     | 68                 |
| 62/ 61                  | , 1 | • 9              | • 9        | • 9        | •0             | _ • 7          | , 6        | •4<br>•7   | ,4<br>,4   | 0       | <u> </u> |         | <u> </u>     | <u> </u>     |                                                  |          |                | 182         | 182<br>203        | 10 <sup>8</sup><br>140 | 55<br>102          |
| 60/ 59<br>58/ 57        | . 3 | 1.0              | • 9<br>• 8 | .9<br>.8   | .9             | 1.0            | 1.0        | • 8<br>• 8 |            | •0      |          |         |              |              |                                                  |          | i              | 234         | 234<br>218        | 141                    | 128<br>115         |
| 56/ 55<br>54/ 53        | • 1 | 1.0              | 6.<br>9    | 1.0        | • 9            | • 8            | 1.3        | .5         | .1         |         |          |         |              |              |                                                  |          |                | 223         | 223               | 156                    | 128                |
| 52/ 51                  | • 3 | . 8              | 1.0        | • 9        | 1.1            | 1.2            | •6         | •3         |            |         |          |         |              |              | İ                                                |          |                | 214         | 216<br>209        | 192<br>199             | 125                |
| 50/ 49<br>48/ 47        | • 2 | 1.8              | 1.2        | .8<br>.8   | 1.1            | 1.0            | <u>•7</u>  | •0<br>•0   |            |         |          |         | <u> </u>     |              | <del>                                     </del> |          | ├              | 254         | 254<br>149        | 239<br>263             | 112                |
| 46/ 45                  | • 4 |                  | 1.0        | 1.4        | • 7            | . 8            | .3         | .0         |            |         | <br>     | ļ       |              |              |                                                  |          | <u> </u>       | 191         | 191               | 261                    | 163                |
| 42/ 41                  | • 3 | • 7              | • 6        | •6         | .4             | .4             | • 1<br>• 0 |            |            |         |          |         |              |              |                                                  |          |                | 171         | 172<br>105        | 260<br>234             | 182<br>164         |
| 40/ 39<br>38/ 37        | • 4 | • 7<br>• 8       | • 9<br>• 4 | • 7        | .3             | .1             | •0         |            |            |         |          |         |              |              |                                                  |          |                | 116         | 117               | 197<br>179             | 166<br>164         |
| 36/ 35                  | • 1 | . 8              |            | .3         | • 4            | -1             |            |            |            |         |          |         |              |              |                                                  |          |                | 71          | 71                | 137                    | 176                |
| 32/ 31                  | • 2 | .4               | •4<br>•4   | •4         | •2             | •0             |            |            |            |         |          | -       |              | <del> </del> | -                                                |          | -              | 45          | <u> </u>          | 101<br>81              | 195<br>198         |
| 30/ 29<br>28/ 27        | • 2 | •3               | •3         | •1         | • 2            | •0             |            |            |            |         |          | _       |              | <del> </del> |                                                  |          | <del> </del> - | 38          | 38<br>19          | 69<br>45               | <del></del> -      |
| 26/ 25                  |     | •1               | • 2        | • 1        |                |                |            |            |            |         |          |         |              |              |                                                  |          | <u> </u>       | 12          | 13                | 29                     | 106                |
| 24/ 23   22/ 21         |     | . 2              | • 2<br>• 1 | •1         |                |                |            |            |            |         | Ì        | :       |              |              |                                                  | ļ        |                | 13          | 13<br>11          | 22<br>21               | 83<br>86           |
| 20; 19<br>18/ 17        |     | • 1              | • 1<br>• C |            |                |                |            |            |            |         |          |         |              |              |                                                  |          |                | 5           | 51                | 14                     | 47                 |
| 16/ 15                  |     | • •              | • 0        |            |                |                |            |            |            | _       |          |         | <u> </u>     |              |                                                  | <b></b>  |                | 2           | 2                 | 5                      | 56                 |
| 14/ 13  <br>Element (X) | !   | z <sub>x</sub> , |            |            | z <sub>x</sub> | <del>-  </del> | X          | 7,         | <u> </u>   | No. Ol  | <u>.</u> | L       | <u> </u>     | <u> </u>     | Meon I                                           | No. of H | lours wit      | h Temperati | ure               |                        | 31                 |
| Rel. Hum.               |     |                  |            |            |                |                |            |            |            |         |          | ⊴ 0     | F            | ⊴ 32 F       | ≥ 67                                             | F        | 73 F           | ≥ 80 F      | ≥ 93 F            |                        | Total              |
| Dry Bulb                |     |                  |            |            |                |                |            |            |            |         |          |         |              |              |                                                  |          |                |             |                   |                        |                    |
| Wet Bulb Dew Point      |     |                  |            |            |                |                |            |            | ļ          |         |          |         | -            |              | <u> </u>                                         |          |                | ļ           | <del> </del>      |                        |                    |
| SEA FOINT               |     |                  |            |            |                |                |            |            |            |         |          |         |              |              | <u> </u>                                         |          |                | <u></u>     |                   |                        |                    |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC RANDOLPH AFB TEXAS/SAN ANTONIO
STATION NAME 12911 STATION

# **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | -   | ANDOL          |              | 5                                                | TATION N       | AME                                              | -              | <u> </u> |             | <u> 39-</u>    | <u> </u>                                         |              |                                        | YEA         | RS             |               |                                                  | <del></del> |                 | ИД<br>нти  |
|------------------|-----|----------------|--------------|--------------------------------------------------|----------------|--------------------------------------------------|----------------|----------|-------------|----------------|--------------------------------------------------|--------------|----------------------------------------|-------------|----------------|---------------|--------------------------------------------------|-------------|-----------------|------------|
|                  |     |                |              |                                                  |                |                                                  |                |          |             |                |                                                  |              |                                        |             |                |               | PAGE                                             | 2           | 1800<br>HOURS ( | <u>-2(</u> |
| Temp.            |     |                |              |                                                  | ·              |                                                  |                | TEMPER   |             |                |                                                  |              |                                        |             |                |               | TOTAL                                            |             | TOTAL           |            |
| (F)              | 0   | 1 - 2          | 3 - 4        | 5 - 6                                            | 7 - 8          | 9 - 10                                           | 11 - 12        | 13 - 14  | 15 - 16     | 17 - 18        | 19 - 20                                          | 21 - 22      | 23 - 2                                 | 4 25 - 26 2 | 7 - 26 29      | - 30 2 31     | D.B./W.B.                                        | Dry Bulb    | Wet Bulb        | Dew        |
| 12/ 11           |     | 1              |              |                                                  | 1              | _                                                |                |          |             |                |                                                  | 1            | 1                                      |             | 1              |               |                                                  |             |                 |            |
| 10/ 9            |     | 1              |              | <u> </u>                                         | <u> </u>       |                                                  | <u></u>        |          |             |                | <u> </u>                                         | <u> </u>     |                                        |             |                |               |                                                  |             |                 | L          |
| 8/ 7             |     | 1              |              |                                                  |                |                                                  |                |          |             |                |                                                  | ļ            | ļ.                                     | 1 1         | j              |               | 1 i                                              |             |                 |            |
| 6/ 5             |     | ╀              | ļ            |                                                  | ├              | <b> </b>                                         |                |          |             |                | ļ                                                | <del> </del> | <u> </u>                               | -           | <b></b>        |               |                                                  |             | <u> </u>        |            |
| 2/ 1             |     | ]              |              |                                                  |                |                                                  | ĺ              |          |             |                |                                                  | ļ            |                                        |             | ľ              | }             |                                                  |             |                 |            |
| 0/ -1            |     | <del> </del>   |              |                                                  | ├              |                                                  |                |          |             |                |                                                  |              | <del> </del> -                         | -           |                |               | !                                                |             |                 | -          |
| -2/ -3           |     |                |              |                                                  |                |                                                  | !<br>          |          |             | ł              |                                                  | 1            | ĺ                                      | 1 1         |                |               | 1                                                |             |                 |            |
| -4/ -5           |     | †              |              |                                                  | -              |                                                  | <del> </del> - |          |             | -              |                                                  |              |                                        | + +         |                |               | <del>                                     </del> |             |                 |            |
| TOTAL            | 4.2 | 17.5           | 17.3         | 17.3                                             | 14.9           | 11.5                                             | 8.4            | 5.1      | 2.2         | 1.0            | .4                                               | .2           |                                        | 1 .1        |                | -             |                                                  | 3424        | 1               | 3.         |
|                  |     | 1              |              |                                                  |                |                                                  |                | Y Y 7    |             | 7.7            |                                                  | <u> </u>     |                                        | 7-          | <del>-i-</del> | <del></del>   | 3413                                             | - 112       | 3413            |            |
|                  |     | <u>L</u>       |              |                                                  |                |                                                  |                |          |             |                |                                                  |              |                                        |             | ı              | İ             |                                                  |             |                 |            |
|                  |     |                |              |                                                  |                |                                                  |                |          |             |                |                                                  |              |                                        |             | i              |               |                                                  |             |                 |            |
|                  |     | Ļ.,            |              | <u> </u>                                         | <u></u>        | <u> </u>                                         | <u> </u>       |          |             |                |                                                  | [<br>        | <u>L</u>                               |             |                |               |                                                  |             |                 |            |
|                  |     | ļ              |              |                                                  | 1              | 1                                                | 1              |          |             | 1              |                                                  |              | i                                      | ] ]         |                | 1             | ]                                                | •           | 1               |            |
|                  |     | <b>↓</b>       | <u> </u>     |                                                  | ļ              | ļ                                                |                |          |             |                | <u> </u>                                         | ļ            | ļ                                      |             |                |               |                                                  |             |                 | <u> </u>   |
| I                |     |                |              |                                                  |                |                                                  | !              |          |             | 1              |                                                  |              | ĺ                                      | 1           | l              |               | i I                                              |             |                 |            |
|                  |     | ╂              | ├            | <del> </del>                                     | <del> </del>   | <b> </b>                                         |                |          |             |                | <del> </del>                                     | <u> </u>     | <del> </del>                           |             |                |               | <del>  </del>                                    |             |                 |            |
| 1                |     | 1              | 1            |                                                  |                | İ                                                |                |          |             |                |                                                  |              | 1                                      | 1           | 1              |               |                                                  |             |                 |            |
|                  |     | <del> </del> - | <del> </del> | <del> </del> -                                   | <del> </del> - | <del> </del>                                     | <del> </del>   |          |             | <del> </del>   | ┼─                                               | <del> </del> | <del> </del>                           |             | <del></del>    |               | <del>  </del>                                    |             |                 | -          |
|                  |     |                |              |                                                  |                |                                                  | 1              |          |             |                | Ì                                                |              | l                                      |             | İ              |               |                                                  |             |                 |            |
|                  |     | 1              | <del> </del> | <b></b> -                                        | 1              | <del>                                     </del> |                |          |             |                | <b></b> -                                        | _            | _                                      | +           | <del>-  </del> |               | <del>                                     </del> |             |                 | -          |
| 1                |     | İ              |              |                                                  |                |                                                  | i              |          |             |                | 1                                                |              | l                                      | 1 1         | -              |               |                                                  |             |                 |            |
|                  |     | 1              |              |                                                  |                |                                                  |                |          |             |                | <del>                                     </del> |              |                                        |             |                | _             |                                                  |             | 1               | Г          |
|                  |     | <u> </u>       | L            | 1                                                | <u> </u>       |                                                  |                |          |             |                | 1                                                |              | ļ                                      |             | - 1            |               |                                                  |             |                 |            |
|                  |     |                |              |                                                  |                |                                                  |                |          |             |                |                                                  |              |                                        |             |                |               |                                                  |             |                 |            |
|                  |     | <u> </u>       | <u> </u>     |                                                  |                |                                                  |                |          |             |                |                                                  |              | <u> </u>                               |             |                | <u> </u>      |                                                  |             |                 |            |
|                  |     |                |              |                                                  |                |                                                  |                |          |             |                |                                                  |              |                                        | 1 1         |                |               |                                                  |             |                 | Π          |
|                  |     | <del> </del>   | ļ            |                                                  | <u> </u>       |                                                  |                |          |             |                |                                                  | <u> </u>     | l                                      |             | i_             |               |                                                  |             | 1               | _          |
|                  |     | 1              |              |                                                  |                |                                                  |                |          |             | İ              |                                                  |              | 1                                      | !           | - 1            |               |                                                  |             | ļ               |            |
|                  |     | ├              | -            | <del>                                     </del> | ├──            | <del> </del>                                     |                |          |             | <del> </del> - | <del> </del>                                     | <del> </del> | <del> </del>                           |             |                | _             |                                                  |             | <b> </b>        |            |
|                  |     |                |              |                                                  |                |                                                  |                |          |             |                |                                                  |              |                                        |             |                | İ             | [ !                                              |             |                 |            |
| Element (X)      |     | ZX'            | <u> </u>     |                                                  | Z X            | <del></del>                                      | X              | <b>₹</b> | <del></del> | No. O          | ha. I                                            | <u> </u>     | ــــــــــــــــــــــــــــــــــــــ |             | Mean No        | of Hours with | Temperati                                        |             | <u> </u>        | <u> </u>   |
| Rel. Hum.        |     |                | 8693         | <del> </del>                                     | 2167           | 93                                               |                | 21.3     | 69          |                | 13                                               | ± 0          | F                                      | ± 32 F      | ≥ 67 F         | ₹ 73 F        | > 80 F                                           | 2 93        | F               | Tota       |
| Dry Bulb         |     |                | 0643         |                                                  | 1826           | 83                                               | 53.4           | 11.2     | 58          | 34             | 24                                               |              |                                        | 4.0         | 12.0           | 2.0           | <u> </u>                                         |             | <del></del>     |            |
| Wet Bulb         |     | 793            | 5913         |                                                  | 1606           |                                                  | 47.1           | 10.5     | 15          |                | 13                                               |              |                                        | 7.9         | 2.3            |               | · ·                                              | 1           |                 |            |
| Dew Point        |     |                | 3879         |                                                  | 1359           | 40                                               | 39.8           | 14.0     | 51          |                | 13                                               |              | •5                                     | 29.3        | • 5            |               |                                                  | +           |                 |            |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 12911 RANDOLPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

HINOM

2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 × 31 D.B. W.B. Dry Bulb Met Bulb Dew Point 72/ 71 • 0 • C 6 70/ 69 • 3 • 6 91 68/ 67 1.4 . 1 91 39 20 66/ 65 106 65 64/ 63 1.2 • 1 104 104 82 90 1.6 •0 128 62/ 61 128 90 78 60/ 59 1.7 1.5 .6 191 192 29 108 58/ 57 .6 198 199 116 85 .2 56/ 55 225 1.8 1.2 225 100 166 237 54/ 53 234 145 156 52/ 51 .0 122 1.1 1.4 • 3 223 226 1,2 155 50/ 49 2.0 1.3 1.6 , 2 259 250 195 107 1.3 48/ 47 1.2 159 1.4 1.4 • 5 • 4 • i • 0 217 217 234 46/ 45 1.8 213 145 208 209 44/ 43 .6 1.6 1.3 • 2 193 198 280 150 42/ 41 1.6 1.0 178 178 174 274 199 40/ 39 1.2 1.7 1.3 1.0 198 234 166 37 134 135 38/ . 8 201 173 36/ 35 100 158 191 • 6 و 4 97 341 33 97 97 172 187 190 . 5 72 32/ 31 • 7 72 127 29 27 87 70 30/ 56 56 169 . 41 28/ 43 157 .3 43 37 24/ 23 . 1 12 12 44 89 22/ 21 94 • 0 26 10 19 20/ 19 58 18/ 10/ 58 •0 28 12/ 21 11 10/ 9 8/ 17 Element (X) No. Obs. Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F > 80 F + 93 F Rel. Hum. = 32 F Total 10F Dr/ Bulb Wet Bulb Dew Point

39-75

RM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

# **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION   | - <u>K</u>  | NDOL         | PH A  | s'                                               | TATION         | AME                                              | ANI          | חווח    |         | 39-     | 75      |         |         | Y                                                | ARS                                              |          |          |                                                  |              | <u>J</u>        | AN        |
|-------------------|-------------|--------------|-------|--------------------------------------------------|----------------|--------------------------------------------------|--------------|---------|---------|---------|---------|---------|---------|--------------------------------------------------|--------------------------------------------------|----------|----------|--------------------------------------------------|--------------|-----------------|-----------|
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          | PAG                                              | E 2          | 2100<br>HOURS ( |           |
| Temp.             |             |              |       |                                                  |                | WET                                              | BULB .       | TEMPER  | ATURE   | DEPRE   | SSION ( | F)      |         | ******                                           |                                                  |          |          | TOTAL                                            | T            | TOTAL           |           |
| (F)               | 0           | 1 - 2        | 3 - 4 | 5 - 6                                            | 7 - 8          | 9 - 16                                           | 11 - 12      | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26                                          | 27 - 28                                          | 29 - 30  | ≥ 31     | D.E./W.8.                                        | Dry Bulb     | Wat Bulb        | Dew Poi   |
| 4/ 3<br>2/ 1      |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  | <del>                                     </del> |          | <u> </u> |                                                  |              |                 | 10        |
| 0/ -1             |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         | ļ       | ļ                                                |                                                  |          |          |                                                  |              |                 |           |
| -2/ -3            |             | <u> </u>     |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          | l<br>i                                           |              |                 |           |
| 447 43<br>-6/ -67 |             | i            |       |                                                  |                |                                                  | !            |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
| -8/ -9            |             | <del> </del> |       | <del>                                     </del> |                | <u> </u>                                         | <del> </del> |         |         |         |         |         |         |                                                  | <del> </del>                                     | <u> </u> |          | <u> </u>                                         | <del> </del> |                 |           |
| OTAL              | 5.9         | 29.3         | 24.8  | 16.6                                             | 11.5           | 6.8                                              | 3.4          | 1.2     | .4      | .1      |         |         |         |                                                  |                                                  |          |          |                                                  | 3418         |                 | 340       |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          | 3405                                             |              | 3405            |           |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          | <del>                                     </del> |              |                 |           |
|                   |             | <del> </del> |       |                                                  |                |                                                  |              |         |         |         |         |         |         | <del>                                     </del> |                                                  | ļ        |          | <del> </del>                                     |              |                 |           |
|                   |             | <del> </del> |       |                                                  |                |                                                  |              |         |         |         |         |         |         | ļ                                                | ļ                                                |          |          |                                                  |              |                 |           |
|                   |             | <u> </u>     |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   |             | İ            |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   | <del></del> |              |       |                                                  | <del></del>    |                                                  |              |         |         |         |         | -       |         |                                                  |                                                  | -        |          | <del> </del>                                     |              |                 |           |
|                   |             | ļ            |       |                                                  | ļ<br>          |                                                  |              |         |         |         |         |         |         | <u> </u>                                         |                                                  |          |          |                                                  |              |                 |           |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   |             | <del> </del> |       |                                                  |                | ļ                                                |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          |                                                  |              |                 |           |
|                   |             |              |       |                                                  |                | <del>                                     </del> |              |         |         |         |         |         |         | <del></del>                                      |                                                  |          |          |                                                  |              |                 |           |
|                   |             |              |       |                                                  |                |                                                  |              |         |         |         |         |         |         |                                                  |                                                  |          |          | <u> </u>                                         |              |                 |           |
| (lement (X)       |             | Σχi          |       |                                                  | z <sub>X</sub> | <u> </u>                                         | <u> </u>     |         | 7       | N. C    |         |         |         | L                                                |                                                  |          |          |                                                  |              |                 |           |
| tel. Hum.         |             | 1869         | 3195  | <del></del>                                      | <del>2</del>   | 65                                               | 71.5         | 19.5    | 38      | No. 06  |         | ± 0 f   |         | 32 F                                             | Mean h<br>≥ 67                                   |          |          | h Tempera                                        |              |                 | ****      |
| ry Bulb           |             |              | 0424  |                                                  | 1674           | 74                                               | 49.0         | 10.7    | 46      | 34      |         | 201     |         | 6.7                                              |                                                  | •3       | 73 F     | ≥ 80 F                                           | ≥ 93 F       |                 | otol<br>9 |
| Yet Bulb          |             | 721          | 1637  |                                                  | 1522           | 13                                               | 44.7         | 10.9    | 38      | 34      |         |         |         | 12.1                                             | 1                                                | • 2      |          | <del> </del>                                     | -            | <del></del>     | 9         |
| Dew Point         |             |              | 2754  |                                                  | 1337           |                                                  | 39,3         | 14.1    | 04      | 34      |         |         |         | 30.8                                             |                                                  | • 6      |          | <del> </del>                                     |              |                 | 9         |

USAFETAC FORM ARE OBSOLETE

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RANDOLPH AFB TEXAS/SAN ANTONIO
STATION NAME

12911 STATION

#### **PSYCHROMETRIC SUMMARY**

FER

()000-0200 HOURS (L. S. 1.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL femp. D.B./W.B. Dry Buib Wet Buib Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | × 31 74/ 73 72/ 71 70/ 69 34 34 3 67 88 12 2.0 66/ 65 102 80 47 .0 102 63 138 131 120 2.8 143 62/ 61 114 108 • 1 143 607 155 59 140 145 1.8 58/ 140 141 106 96 55 193 56/ 193 124 115 2.9 53 247 122 126 1.0 • 1 247 51 527 203 203 189 105 1.1 50/ 49 2.1 . 1 235 235 164 139 48/ 47 227 227 186 120 46/ 45 2.4 235 231 1.3 235 146 44/ 203 203 273 164 174 147 177 41 . 2 2.0 233 42/ •6 •7 174 • 0 39 138 38/ 37 1.3 , 3 137 164 170 1.1 35 1.0 89 36/ 89 146 160 .34/ 33 71 71 129 . 6 1.1 160 . 1 .5 90 138 35 29 30/ 37 37 80 136 28/ 27 102 25 23 21 22 13 26/ 11 11 114 247 .0 80 22/ 60 • 0 20/ • 1 54 16/ 15 34 14/ 13 15 12/ 11 9 10/ 8/ No. Obs. Elament (X) Mean No. of Hours with Temperature Dry Bulb

, , , (

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OB

SAFETAC FORM C

Vet Bulb

#### **PSYCHROMETRIC SUMMARY**

84

39-75 RANDOLPH AFB TEXAS/SAN ANTONIU FEB 0000-0200 PAGE 2 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 6/ 5 0/ **-**1 3 TUTAL 8.337.623.313.1 9.1 5.0 2.1 1.0 .1 3053 3050 3050 3050 75.918.833 49.9 9.806 46.310.325 41.913.258 231568 152478 No. Obs. Mean No. of Hours with Temperature Element (X) 3050 18662934 Rel. Hum. ≤JF ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F Total 3.1 7.5 Dry Bulb 7908780 3053 3.5 6853026 5879695 84 141104 3050 Wet Bulb . 8

3050

127665

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE € 0.26-3 (OL A)

USAFETAC

Dew Point

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

O C USAFETAC

#### **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 39-75

STATION STATION NAME

PAGE 1 0300-0500 HOURS (L. S. T.)

| Temp.            |                                                   |          |            |                                                  |                                                  |        |                |                                                  |              |                                                  | SSION (        |              |         |                |                                                  |                                                  |                | TOTAL                                            |          | TOTAL        |           | ] |
|------------------|---------------------------------------------------|----------|------------|--------------------------------------------------|--------------------------------------------------|--------|----------------|--------------------------------------------------|--------------|--------------------------------------------------|----------------|--------------|---------|----------------|--------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|----------|--------------|-----------|---|
| (F)              | 0                                                 | 1 - 2    | 3 - 4      | 5 - 6                                            | 7 - 9                                            | 9 - 10 | 11 - 12        | 13 - 14                                          | 15 - 16      | 17 - 18                                          | 19 - 20        | 21 - 22      | 23 - 24 | 25 - 26        | 27 - 28                                          | 29 - 30                                          | ≥ 31           | D.B./W.B.                                        | Dry Bulb | Wet Buib     | Dew Point | 1 |
| 74/ 73           |                                                   |          |            |                                                  |                                                  |        |                |                                                  |              |                                                  |                | • 0          |         |                |                                                  |                                                  |                | 1                                                | 1        |              |           | 1 |
| 70/ 69           |                                                   | • 3      | • 2        |                                                  |                                                  |        |                |                                                  |              | .0                                               |                |              |         | <u> </u>       | <u> </u>                                         |                                                  | <u> </u>       | . 16                                             | 16       | 1            | 1         | 1 |
| 68/ 67           | • 2                                               | 1.6      |            | • 1                                              |                                                  |        |                |                                                  |              | .1                                               |                |              |         |                |                                                  |                                                  |                | 08                                               | 90       | 26           | 9         | ١ |
| 66/ 65           | • 7                                               | 1.7      | <u>. 5</u> |                                                  |                                                  | • 0    | <b>2</b> 0     |                                                  | .1           | <u> </u>                                         | .0             |              |         | <u> </u>       |                                                  |                                                  | <u> </u>       | 93                                               | 93       | 32           | 49        |   |
| 64/ 63           | •7                                                | 2.4      | • 9        |                                                  |                                                  | • 1    |                |                                                  | . 1          |                                                  | • 0            |              |         | 1              |                                                  | 1                                                |                | 124                                              | 124      | 103          | 107       | ١ |
| 62/ 61           | 1.1                                               | 2.4      | • 5        | •0                                               |                                                  | • 0    | .1             | •0                                               | . 1          | .1                                               |                |              |         |                |                                                  |                                                  | <u> </u>       | 134                                              | 134      | 122          | 117       | 1 |
| 60/ 59           | •9                                                |          | . 5        | • 1                                              |                                                  | . 1    | , 2            |                                                  | .0           |                                                  |                |              |         |                |                                                  |                                                  |                | 108                                              | 108      | 121          | 126       | ۱ |
| 58/ 57           | . 9                                               |          | . 7        | •2                                               | . 4                                              | .2     |                |                                                  | .0           |                                                  |                |              |         |                | L                                                |                                                  |                | 136                                              | 136      | 87           | 101       | 1 |
| 56/ 55           | .7                                                | 2.1      | . 6        | • 7                                              |                                                  | • 4    | • 3            |                                                  | .1           |                                                  |                | l i          |         | 1              | 1                                                |                                                  |                | 161                                              | 161      | 92           | 78        | l |
| 54/ 53           | 1.2                                               |          |            | . 8                                              |                                                  |        |                | •1                                               | • 1          |                                                  |                |              |         |                | l                                                |                                                  |                | 217                                              | 218      | 145          |           | 1 |
| 52/ 51           | •7                                                |          | 1.2        | . 6                                              |                                                  | • 4    |                | ĺ                                                | •0           |                                                  |                |              |         |                | ļ                                                | 1                                                | İ              | 175                                              | 175      | 125          | 106       | ١ |
| 50/ 49           | 1.0                                               |          |            |                                                  |                                                  |        |                | .0                                               |              |                                                  |                |              |         |                | <u> </u>                                         | ļ                                                |                | 204                                              | 206      | 190          |           | 1 |
| 48/ 47           | 1.0                                               |          | 1.4        | 1.4                                              |                                                  |        | • 1            |                                                  | ŀ            |                                                  |                |              |         |                | 1                                                |                                                  |                | 218                                              | 218      | 175          | 134       | ı |
| 46/ 45           | 1.0                                               |          | 2.0        |                                                  | .9                                               |        |                |                                                  |              | ļ                                                |                |              |         | <u> </u>       |                                                  |                                                  | ļ              | 269                                              | 269      | 198          | 144       | 4 |
| 44/ 43           | .6                                                |          |            |                                                  |                                                  |        | -              |                                                  |              | ĺ                                                |                | !!           |         | l              | ľ                                                |                                                  | 1              | 217                                              | 217      | 245          | 176       | ı |
| 42/ 41           | .4                                                | 2.5      |            |                                                  |                                                  | • 1    |                |                                                  | <u> </u>     |                                                  |                |              |         |                | <b> </b>                                         | ļ                                                | <u> </u>       | 196                                              | 196      | 232          | 138       | 4 |
| 40/ 39           | .5                                                |          | 1.6        |                                                  | • 7                                              |        |                |                                                  |              |                                                  |                |              |         | l              |                                                  |                                                  | ŀ              | 153                                              | 158      | 242          | 154       | ı |
| 38/ 37           | -2                                                |          | 1.5        | .7                                               | • 4                                              |        |                |                                                  |              |                                                  |                |              |         |                | <del> </del>                                     |                                                  | <u> </u>       | 133                                              | 133      | 199          | 169       | 4 |
| 36/ 35           | • 1                                               | 2.1      | 1.6        |                                                  |                                                  |        |                |                                                  |              |                                                  |                | !            |         | 1              |                                                  |                                                  | ŀ              | 132                                              | 132      | 143          | 185       | l |
| 34/ 33           | .3                                                |          | - 8        | . 8                                              |                                                  |        | ļ              | ļ                                                | ├            |                                                  |                | <b> </b>     |         | <b> </b>       | <b></b>                                          |                                                  | <del> </del> - | 95                                               | 95       | 164          | 170       |   |
| 32/ 31<br>30/ 29 | •1                                                |          |            | • 2                                              |                                                  |        |                |                                                  |              |                                                  | l              |              |         |                |                                                  | ļ                                                | l              | 60                                               | 50<br>54 | 116<br>79    |           | ١ |
| 28/ 27           | .0                                                |          | • 4        | • 2                                              |                                                  |        | <del> </del> - | <del> </del>                                     |              | <del> </del>                                     | <b> </b> -     |              |         | <del> </del>   | <del></del>                                      |                                                  | <del> </del> - | 54                                               | 23       | 78           |           | ┨ |
| 26/ 25           | .0                                                | • 6      |            |                                                  |                                                  |        |                |                                                  |              | 1                                                | ļ              |              |         | ļ              | 1                                                |                                                  |                | 23                                               | 22       | 38           |           | ١ |
| 24/ 23           | ••                                                | .3       |            |                                                  |                                                  | _      |                | <del>                                     </del> | <del></del>  | ├                                                | <del> </del>   |              |         | <del> </del>   |                                                  |                                                  | <del> </del>   | 14                                               | 14       | 20           |           | ┨ |
| 22/ 21           |                                                   | 1        | ••         |                                                  |                                                  |        |                | ł                                                | •            | 1                                                | ĺ              |              |         | 1              | İ                                                |                                                  |                | 1 7                                              | 2        | 19           |           | ١ |
| 20/ 19           | <del>                                      </del> | •1       | •0         |                                                  |                                                  |        | l              | <del> </del>                                     | <del> </del> |                                                  |                |              |         | <del> </del>   | ┼                                                | ├                                                | <del> </del>   | 3                                                | 3        | 1            | 43        | ┨ |
| 18/ 17           |                                                   | · • •    | 1          |                                                  | ļ                                                |        |                | i                                                |              |                                                  | i              |              |         | 1              |                                                  | ł                                                |                | 3                                                | 3        | 3            |           |   |
| 16/ 15           | <del>                                     </del>  | <b>-</b> | ••         |                                                  |                                                  |        |                | <del>                                     </del> | <del> </del> | <del> </del>                                     | <del> </del> - |              |         | <del> </del>   | <del> </del>                                     | <del>                                     </del> | <del> </del> - |                                                  |          | 1            | 30        | ┪ |
| 14/ 13           |                                                   | .1       |            |                                                  |                                                  |        |                |                                                  | 1            |                                                  | ĺ              |              |         | 1              |                                                  |                                                  |                | 2                                                | 2        | Ž            | 27        | I |
| 12/ 11           | †- <del></del> -                                  | .0       |            |                                                  |                                                  |        |                | <del> </del>                                     | <u> </u>     |                                                  | <del> </del>   |              |         |                | <del> </del>                                     | i                                                | <del> </del>   | 1                                                | 1        | 2            |           |   |
| 10/ 9            | ٥. ا                                              |          |            | 1                                                | <b>'</b>                                         |        |                | [                                                |              | 1                                                | i              | 1            |         | 1              | 1                                                | 1                                                | 1              | 1 1                                              | î        | 2            |           | 1 |
| 8/ 7             | <del>                                     </del>  |          |            | <del> </del>                                     | <del>                                     </del> |        |                | 1                                                | <del> </del> | <del>                                     </del> | <del> </del>   | <del> </del> |         | $\vdash \lnot$ | <del>                                     </del> | 1                                                | 1              | <del>                                     </del> |          | <del>-</del> | 5         | 1 |
| 6/ 5             | 1                                                 |          |            |                                                  |                                                  |        |                |                                                  |              |                                                  | ļ              |              | İ       |                |                                                  |                                                  | İ              |                                                  | ;        |              | ĺ         | 1 |
| Element (X)      |                                                   | Σχ²      | ·          |                                                  | ZX                                               | T-     | X              | *x                                               |              | No. O                                            | 15.            |              |         |                | Mean                                             | No. of H                                         | ours wit       | h Temperat                                       | ure      |              | ·         | 1 |
| Rel. Hum.        |                                                   |          |            | <del>                                     </del> |                                                  |        | -              |                                                  |              |                                                  |                | ≤ 0          | F       | ≤ 32 F         | ≥ 67                                             | ' F :                                            | 73 F           | ≥ 80 F                                           | ≥ 93 1   | F            | Total     | 1 |
| Dry Bulb         |                                                   |          |            |                                                  |                                                  |        |                |                                                  |              |                                                  |                |              |         | ·——-           | 1                                                |                                                  |                |                                                  |          |              |           | 1 |
| Wet Bulb         |                                                   |          |            |                                                  |                                                  |        |                |                                                  |              |                                                  |                |              |         |                |                                                  |                                                  |                |                                                  |          |              |           | 7 |
| Dew Point        |                                                   |          |            |                                                  |                                                  |        |                |                                                  |              |                                                  |                |              |         |                |                                                  |                                                  |                | L                                                |          |              |           | ] |

## **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION           | RA   | NDOL                                      | PH A     | FB T     | EXAS     | /SAN                                             | ANT                                            | оито       |          | <u> 39-</u> | 75      |          |          | YE        | ARS                                              |          |           |                                                  |          |               | ER<br>NTH |
|---------------------------|------|-------------------------------------------|----------|----------|----------|--------------------------------------------------|------------------------------------------------|------------|----------|-------------|---------|----------|----------|-----------|--------------------------------------------------|----------|-----------|--------------------------------------------------|----------|---------------|-----------|
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           | PAG                                              | E 2      | HOURS (       | -0500     |
| Temp.                     |      |                                           |          |          |          |                                                  | BULB 7                                         |            |          |             |         |          |          |           |                                                  |          |           | TOTAL                                            |          | TOTAL         |           |
| (F)                       | 0    | 1 - 2                                     | 3 - 4    | 5 - 6    | 7 - 8    | 9 - 10                                           | 11 - 12                                        | 13 - 14    | 15 - 16  | 17 - 18     | 19 - 20 | 21 - 22  | 23 - 2   | 4 25 - 26 | 27 - 28                                          | 29 - 30  | ≥ 31      | D.B./W.B.                                        | Dry Bulb | Wet Bu'b      | Dew Poin  |
| 4/ 3<br>0/ <del>-</del> 1 |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           |                                                  |          |               | 5         |
| DTAL                      | 12.1 | .140.922.211.4 7.4 3.6 1.2 .3 .5 .2 .1 .0 |          |          |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           | 3355                                             |          | 3054          |           |
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          |           | [                                                |          | 1         | 3054                                             |          | 3054          |           |
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           |                                                  |          |               |           |
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          | <u> </u>  |                                                  |          |               |           |
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          | Ī         |                                                  |          |           |                                                  |          |               |           |
|                           |      |                                           | <u> </u> |          | <u> </u> |                                                  |                                                |            |          |             |         |          | <u> </u> |           |                                                  |          | <u> </u>  | <u> </u>                                         |          |               | <u> </u>  |
|                           |      |                                           |          |          | 1        |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           | -                                                |          |               | 1         |
|                           |      |                                           |          |          |          |                                                  | <u>                                       </u> |            |          |             |         |          |          | 1         |                                                  |          |           |                                                  |          |               | <u> </u>  |
|                           |      |                                           |          |          |          |                                                  |                                                |            | 1        |             |         | 1        |          | 1         |                                                  |          |           |                                                  | 1        |               |           |
|                           |      |                                           |          |          | <u> </u> | <u> </u>                                         |                                                |            |          | L           |         | <u> </u> | <u> </u> | <u> </u>  |                                                  |          | <u> </u>  |                                                  |          | ļ             | <u> </u>  |
|                           |      |                                           | 1        |          |          | İ                                                |                                                |            |          |             |         |          |          |           |                                                  |          |           | 1                                                |          |               |           |
|                           |      |                                           | <u> </u> |          |          |                                                  |                                                |            |          |             |         |          |          |           | <u> </u>                                         |          | <u> </u>  |                                                  |          |               |           |
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           |                                                  |          |               |           |
|                           |      | <u> </u>                                  | <u> </u> | <u></u>  | <u> </u> |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           |                                                  | <u> </u> |               |           |
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  | }        |           |                                                  |          |               |           |
|                           |      | ļ                                         |          |          | l        | l                                                |                                                |            |          | l           |         |          |          |           |                                                  |          |           |                                                  | İ        |               |           |
|                           |      |                                           |          | 1        | ·        |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          | 1         |                                                  |          |               |           |
|                           |      |                                           | <u> </u> | <u> </u> |          |                                                  |                                                |            |          |             |         |          |          |           |                                                  |          |           |                                                  |          | İ             |           |
|                           |      | I                                         |          |          |          | i                                                |                                                |            |          |             |         |          |          |           |                                                  |          |           |                                                  |          |               |           |
|                           |      |                                           |          |          | 1        |                                                  | ]                                              |            | <b>!</b> |             |         |          |          |           | l                                                | l<br>L   |           |                                                  |          |               | l         |
|                           |      |                                           |          | T        |          |                                                  | 1                                              |            |          | T           |         | [        |          |           |                                                  |          |           |                                                  |          |               |           |
|                           |      |                                           |          |          | Į        | İ                                                |                                                |            |          |             |         |          | 1        |           |                                                  |          | 1         |                                                  |          |               | Í         |
|                           |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          | T         |                                                  |          |           |                                                  |          |               |           |
|                           |      |                                           | 1        |          | ļ        |                                                  |                                                |            | j        |             |         | ĺ        |          | 1         |                                                  | İ        |           | -                                                | 1        |               |           |
|                           |      |                                           | 1        | 1        |          |                                                  |                                                |            |          | $\vdash$    |         | i        |          |           |                                                  |          | 1         |                                                  | 1        |               |           |
|                           |      | ł                                         |          | 1        | ł        | l                                                |                                                |            | 1        | 1           |         |          |          |           |                                                  | ļ        |           | İ                                                | 1        |               |           |
|                           |      |                                           |          |          | T        |                                                  | I                                              |            | I        | Γ           |         | l        | I        | T         |                                                  |          | T         | 1                                                |          |               |           |
|                           |      |                                           |          |          |          |                                                  |                                                |            | i        | 1           |         | !        |          |           |                                                  | l        |           | 1                                                |          |               |           |
|                           |      |                                           | 1        |          |          | <del>                                     </del> | 1                                              |            |          | 1           |         |          |          | T         |                                                  |          |           |                                                  |          |               | T         |
| ĺ                         |      |                                           |          |          |          |                                                  |                                                |            |          |             |         |          |          | i         |                                                  |          |           |                                                  |          |               |           |
|                           |      |                                           | T        |          | 1        | <del>                                     </del> | 1                                              |            | l —      | 1           |         | <u> </u> | 1        | <u> </u>  | <del>                                     </del> |          |           |                                                  | 1        | 1             | 1         |
| ļ                         |      |                                           | ı        |          |          | 1                                                |                                                |            | 1        |             |         |          |          |           |                                                  | 1        |           | 1                                                |          |               |           |
| Element (X)               |      | Σχi                                       |          |          | zx       | <u> </u>                                         | X                                              | <b>€</b> x |          | No. Ol      |         |          |          |           | Mean 1                                           | Vo. of H | lours wit | h Tempero                                        | ture     | ·             |           |
| Rel. Hum.                 |      | 1972                                      | 1328     | 3        | 2390     | 154                                              | 78.3                                           | 18.1       | 81       | 30          | 54      | ± 0      | F        | ≤ 32 F    | z 67                                             | -        | ≥ 73 F    | ≥ 80 F                                           | ≥ 93     | F             | Total     |
| Dry Bulb                  |      |                                           | 2696     | ,        | 1472     | 90                                               | 48.2                                           | 10.2       | 59       | 30          | 55      |          |          | 5.1       |                                                  | •7       | •0        |                                                  |          |               | 34        |
| Wet Bulb                  | ·    |                                           | 5096     | ,        | 1375     | 52                                               | 45.0                                           | 10.7       | 03       | 30          | 54      |          |          | 9,9       |                                                  | •7       |           | 1                                                |          | $\neg \vdash$ | 84        |
| Dew Point                 |      |                                           | 6593     |          | 1254     | 51                                               | 41.1                                           | 13.3       | 41       | 30          | 54      |          | •0       | 23.4      |                                                  | •3       |           | <del>                                     </del> |          |               | 84        |

USAFETAC FORM O.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RANDOLPH AFB TEXAS/SAN ANTONIO

12911

#### **PSYCHROMETRIC SUMMARY**

FER

0600-0800 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL (F) 1-2 3-4 5-6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 70/ 69 13 13 68/ 67 1.4 58 58 . 0 66/ 65 1.4 • 6 86 86 81 56 .0 2.1 73 64/ 63 102 102 77 62/ 61 1.4 2.7 152 131 •4 152 111 • 1 117 117 60/ 59 125 137 . 1 58/ 57 1.6 • 1 .0 133 133 96 . 1 56/ 55 1.6 149 99 196 147 53 54/ 1.2 2.4 • 7 . 5 .0 185 185 117 101 52/ 51 1.2 177 177 110 140 50/ 49 1.1 2.7 • 6 • 0 .0 •0 209 209 161 114 48/ 47 201 201 166 126 3.4 461 45 1.4 1.7 262 206 124 262 43 2.9 217 250 177 42/ 41 2.1 .0 2.5 1.2 . 1 224 224 220 176 39 40/ 2.0 1.0 168 148 232 162 .2 .7 38/ 37 • 1 147 195 135 1.5 1.7 147 35 173 36/ 32 165 132 •3 •2 34/ 33 1.2 • 5 88 88 155 163 31 159 32/ 70 132 <u>7</u>0 30/ 29 1.6 79 79 92 143 28/ 27 34 34 83 137 25 14 25 48 132 26/ 25 • 6 14 79 24/ 23 21 71 22/ • l 20/ 19 37 18/ 17 44 15 33 16/ 14/ 13 •1 24 12/ 11 12 9 10 10/ 8/ 11 5 6/ Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F ₫ 32 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb Dew Point

39-75

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USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE

RANDOLPH AFB TEXAS/SAN ANTONIO

STATION NAME

12911

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ARE OBSOLETE

EDITIONS OF THIS FORM

PREVIOUS

0.26-3 (OLA)

USAFETAC

#### **PSYCHROMETRIC SUMMARY**

FER

U600-0800 TOTAL
D.B., W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 20 | 27 - 28 | 29 - 30 | ≥ 31 2/ 1 0/ -1 ·-6/ <del>-</del>7 6.8 2.8 1.3 3754 3052 3052 3052 78.918.127 47.510.321 44.510.796 40.613.472 z<sub>x</sub>, 19991843 240739 No. Obs. Element (X) Mean No. of Hours with Temperature 3052 ≤ 32 F e 57 F ≥ 73 F 84 7225325 145105 3054 6.4 2.0 Dry Bulb 3052 84 1351.63 6403657 Wet Bulb 11.5 3052 Dew Point 5594611 124035 24.9 84

39-75

#### **PSYCHROMETRIC SUMMARY**

131

121

103

58

41 29

16

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F

201

195

183

154 98

85

74

45

30

11

121

<u>1</u>13

58

43

41

16

≈ 93 F

146

171

167

126 151

141 139

127

118

87

80

61

| 2911<br>STATION | _ <u>KA</u> | NDOL  | PH A  |     | EXAS  |        | ANT     | DNIC    | <u> </u> | 39-     | 75      |         |         | YE      | AR5      |         |             |           |          |          | ER     |
|-----------------|-------------|-------|-------|-----|-------|--------|---------|---------|----------|---------|---------|---------|---------|---------|----------|---------|-------------|-----------|----------|----------|--------|
|                 |             | _     |       |     |       |        |         |         |          |         |         |         |         |         |          |         |             | PAG       | E 1      |          | -110   |
| Temp.           |             |       |       |     |       | WET    | BULB    | TEMPER  | RATURE   | DEPRE   | SSION ( | F)      |         |         |          |         |             | TOTAL     |          | TOTAL    |        |
| (F)             | 0           | 1 - 2 | 3 - 4 | 5 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28  | 29 - 30 | <b>≥</b> 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Po |
| 36/ 85          |             |       |       |     |       |        | ĺ       | Ī       |          |         |         |         |         |         |          | •0      |             | 1         | 1        |          |        |
| 34/ 83          |             |       | ļ     |     | į     |        | ļ       |         | i        | l       |         | . ∪     | • 0     |         | ٠.       |         |             | 3         | 3        |          | ļ      |
| 2/ 81           |             | [     |       |     |       |        |         |         |          |         | i       |         | • C     |         |          |         |             | 1         | 1        |          | i      |
| 0/ 79           |             |       |       |     | 1     | İ      |         | İ       | ļ        | 1       | .1      |         | 1       |         |          |         |             | 2         | 2        | ,        | 1      |
| 8/ 77           |             |       |       |     |       |        |         |         |          | .0      |         | • 0     |         |         |          |         |             | 2         | 2        |          | 1      |
| 6/ 75           |             | ļ     |       | • 1 | .0    | • 1    | i       |         | .0       | .1      | ٠. ا    |         | . 1     |         | ŀ        | į       |             | 12        | 12       |          | 1      |
| 4/ 73           |             |       | •0    | • 3 | • 1   | •0     | •0      |         | 1        | .1      |         | •0      | • 0     |         |          |         |             | 19        | 19       |          | i      |
| 2/ 71           |             | • 0   | .5    | . 4 | .1    | . 1    |         |         | 1 .1     |         | .1      |         | 1       |         |          | 1       |             | 53        | 53       | i        |        |
| 0/ 69           |             | • 5   | 1.1   | • 5 | • 4   |        | • 1     | . 2     | . 2      |         | • 2     |         |         |         |          |         |             | 99        | 99       | 10       | 1      |
| 8/ 67           | .1          | 1.0   | .9    | • 5 | • 5   | • 2    | • 2     | j       | 1.1      | .3      |         |         | - 1     |         |          |         |             | 120       | 120      | 49       | 1      |
| 6/ 65           | • 3         | 1.2   | 1.6   | • 9 | , 3   |        | .4      |         | .4       |         | .1      |         |         |         |          |         |             | 182       | 182      | 108      |        |
| 4/ 63           | . 5         | 1.4   | 1.5   |     |       | . 4    | .4      |         |          | .2      |         |         | -       |         | <b> </b> |         |             | 192       | 192      |          |        |
| 2/ 61           | •6          | 1.6   | .9    | • 7 | • 5   | .8     | • 5     | .4      | . 4      | .2      |         |         |         |         |          |         |             | 198       | 198      | 147      |        |
| 0/ 59           | • 6         | 1.3   | .9    | • 7 | .7    | . 8    |         | .6      | , 3      | 1       | .0      |         |         |         |          |         |             | 202       | 202      | 159      | 3      |
| 8/ 57           | •7          | 1.5   | 1.4   | .7  | • 9   | 1.0    | •7      | .4      |          | .0      |         |         |         |         |          |         |             | 222       | 222      | 139      |        |
| 66/ 55          | . 7         | 1.7   | 1.2   | .7  | 1.0   | • 6    | .8      | . 4     | .1       | .0      |         | ,       | 1       |         |          |         |             | 221       | 221      | 176      |        |
| 54/ 53          | • 5         | 1.5   | 1.0   | 1.0 | ,6    | . 8    | .7      | • 3     | •1       |         |         |         |         |         |          |         |             | 202       | 202      | 177      |        |
| 52/ 51          | • 3         |       | .9    | . 8 | 1.2   |        |         | .3      | .0       |         |         |         | 1       |         | ļ ļ      | ĺ       |             | 208       |          |          |        |
| 0/ 49           | . 5         | 1.7   | 1.6   | 1.0 | 1.1   | . 9    |         |         | .0       |         |         | $\Box$  |         |         |          |         |             | 224       | 224      | 226      |        |
| 48/ 47          | • 5         | 1.3   | • 7   | • 9 | , 8   | , 8    | • 2     | ,1      |          |         | ļ       |         | - 1     |         |          |         |             | 158       | 158      |          |        |
| 6/ 45           | • 4         | 1.5   | •7    | 1.4 | 1.0   | .6     |         |         |          | 1       |         |         |         |         |          |         |             | 178       | 178      |          |        |
| 441 42          | ຸ່ລ         | 1.1   | . 7   | . 0 | 6     | ۸ ا    | 1       | l       | l .      | l .     | l       | l       | i       |         | 1        |         |             | 1 331     | 121      | 201      |        |

≤ 0 F

≤ 32 F

OF THIS FORM ARE OBSOLETE EDITIONS PREVIOUS 7 힏 0-26-3

44/ 43

42/ 41 40/ 39

38/ 37

36/ 35 34/ 33

30/ 29 28/ 27 26/ 25

24/

20/

Rel. Hum.

Dry Bulb Wet Bulb Dew Point 1.3

C AND USAFETAC

#### **PSYCHROMETRIC SUMMARY**

12911 STATION RANDOLPH AFB TEXAS/SAN ANTONIO FES HTHOM 0900-1100 HOURS (L. S. T.) PAGE 2

| Temp.       |     |       |      |       |                        | WET           | BULB 1    | EMPER       | ATURE     | DEPRE    | 5510N (  | F)         |              |          |          |          |                | TOTAL        |              | TOTAL        |             |
|-------------|-----|-------|------|-------|------------------------|---------------|-----------|-------------|-----------|----------|----------|------------|--------------|----------|----------|----------|----------------|--------------|--------------|--------------|-------------|
| (F)         | 0   | 1 - 2 |      | 5 - 6 | 7 - 8                  | 9 - 10        | 11 - 12   | 13 - 14     | 15 - 16   | 17 - 18  | 19 - 20  | 21 - 22    | 23 - 24      | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31           | D.B./W.B.    | Dry Bulb     | Wet Bulb     | Dew Point   |
| 18/ 17      |     |       | • C  |       |                        |               |           |             |           | i        |          |            |              |          |          |          |                | 1            | 1            | . 2          | 29          |
| 16/ 15      |     | • 0   |      |       |                        |               |           |             |           |          |          |            |              |          |          | ļ        |                | 1            | .  1         | .[ ].        | 35          |
| 14/ 13      |     |       |      |       |                        |               |           |             |           |          |          |            |              |          |          | i        | Ī —            |              | 1            | 1            | 21          |
| 12/ 11      |     |       |      |       |                        |               |           |             |           |          |          |            |              | i i      |          | ļ        |                | -            | ļ            | ļ            | 17          |
| 10/ 9       |     |       |      |       |                        |               |           |             |           |          |          |            |              |          |          |          | <u> </u>       | 1            | 1            |              | 8           |
| 8/ 7        |     |       |      |       |                        |               |           |             |           | ļ        |          |            | 1            |          |          |          |                | ļ            | ļ            | ļ            | 5           |
| 67 5        |     |       |      |       |                        |               |           |             |           |          |          |            |              |          |          |          | i              | i            | 1            |              | 5<br>5<br>3 |
| 4/ 3        |     |       |      |       |                        | i             |           |             |           | !        |          |            |              | :        | l        | 1        | •              | İ            |              | i            | 3           |
| 2/ 1        |     |       |      |       |                        |               |           |             |           |          |          |            |              |          |          |          |                |              |              |              | 2           |
| 0/ -1       |     |       |      |       |                        |               |           |             |           | 1        |          |            |              |          |          |          | 1              | -            | ļ            | ļ            | 1           |
| -4/ -5      |     |       |      |       |                        |               |           |             |           |          |          |            |              |          |          |          |                |              | 1            |              | 1           |
| -6/ -7      |     |       |      |       |                        |               |           |             |           | i        |          |            |              |          | i        | ļ.       | ļ              | İ            |              | ļ            | 1           |
| TOTAL       | 5.0 | 23.5  | 18.8 | 14.7  | 12.7                   | 9.6           | 6.0       | 3.2         | 2.3       | 1.3      | .7       | • 1        | • 2          |          | •0       | .0       |                |              | 3053         |              | 3053        |
|             |     |       |      |       |                        |               |           |             |           |          |          |            |              | <u> </u> |          | <u></u>  | ļ              | 3053         | 3            | 3053         |             |
|             |     |       |      |       |                        |               |           |             |           | )        |          |            |              |          |          |          |                |              |              |              |             |
|             |     |       |      |       |                        |               |           |             |           |          |          | <u> </u>   |              |          |          |          | <u> </u>       |              |              | <u> </u>     | <u> </u>    |
|             | i   |       |      |       |                        |               |           |             |           |          | i .      |            |              | l        |          | 1        | ĺ              |              | ļ            | 1            | ]           |
|             |     |       |      |       |                        |               |           |             |           | ı        |          |            |              |          |          |          |                | <u> </u>     | <u> </u>     | <u> </u>     | L           |
|             |     |       |      |       |                        |               |           |             |           | 1        |          |            |              | l        |          |          |                | ł            | 1            | ł            |             |
|             |     |       |      |       |                        |               |           |             |           |          |          | <u> </u> _ |              |          |          |          |                | ļ            | <u> </u>     | ļ            |             |
|             |     |       |      |       |                        |               |           |             |           |          |          |            |              | l        |          |          |                | ł            | 1            | ĺ            |             |
|             |     |       |      |       |                        |               |           |             |           | ļ        | ļ        | ļ          |              | <u> </u> |          |          |                | <u> </u>     | <b>!</b>     | ļ            |             |
|             |     |       |      |       |                        |               |           |             | ĺ         |          |          |            |              | l        |          |          |                | l            | i            | 1            |             |
| ļ           |     |       |      |       |                        |               |           |             | ļ         |          | ļ        |            |              |          |          |          | <u> </u>       | <b> </b>     | <u> </u>     | <u> </u>     | <u> </u>    |
| }           |     |       |      |       |                        |               |           |             | İ         | ŀ        |          |            | l            |          |          | į        |                | 1            | l            |              |             |
| <b> </b>    |     |       |      |       |                        |               |           |             |           |          |          |            |              | ļ        |          | <u> </u> | <u> </u>       | <u> </u>     |              | <u> </u>     | ļ           |
|             |     |       |      |       |                        |               |           |             |           | i        |          |            |              | 1        |          |          |                | 1            | 1            |              |             |
|             |     |       |      |       |                        |               |           |             |           | <u> </u> | ļ        |            |              | <u> </u> |          |          | !              |              | ļ            | ļ            |             |
|             |     |       |      |       |                        |               |           |             |           | 1        |          |            |              | l        |          | ŀ        |                | 1            | 1            | i            |             |
|             |     |       |      |       |                        |               | ļ         | <u> </u>    | ļ         | <u> </u> | <u> </u> |            |              | ļ        |          |          |                | <del> </del> | <u> </u>     | <del> </del> | ļ           |
|             |     |       |      |       |                        | ,             | ] ;       |             | 1         |          |          | -          |              |          |          |          |                | 1            | 1            |              |             |
|             |     |       |      |       |                        |               | ļ         |             |           |          | <u> </u> |            |              | <b> </b> |          | <u> </u> | <del> </del> - | 1            | <del> </del> | ļ            |             |
|             |     |       |      |       |                        |               |           |             |           |          |          | l          |              |          |          | 1        | I              |              |              |              |             |
| Element (X) |     | Σχ'   | L    |       | 7. 11                  | Ц_            | L         | <del></del> | <u></u> - | No. Ob   |          | L          | <u> </u>     | l        | <u> </u> | 1        | <u> </u>       | 1 7          | <u> </u>     | <del></del>  | <u> </u>    |
| Rel. Hum.   |     |       | 4246 |       | z <sub>x</sub><br>2078 | 44            | X<br>68.1 | 22 2        |           |          |          |            | - 1          | . 20 E   |          |          |                | h Tempera    |              |              | Total       |
| Dry Bulb    |     | 921   | 9079 |       | <u>2078</u><br>1549    | <del>74</del> | 54.0      | 10 0        | 14        |          | 53<br>53 | ± 0        |              | 32 F     | ≥ 67     |          | 73 F           | ≥ 80 F       |              | <u>-  </u>   | 84          |
| Wet Bulb    |     | 744   | 2197 |       | 1479                   |               | 48.5      | 10.0        | 20        |          | 53       |            |              |          |          | • 6      | 1.1            | •            | 2            |              | 84          |
| Dew Point   |     |       | 7078 |       | 1289                   |               | 42.2      |             |           |          | 53       |            | <del> </del> | 4.6      |          | •6       |                | <del> </del> |              |              | 84          |
| PAM LOID!   |     | 000   | 1010 |       | 1607                   | VO            | 7606      | 1207        | 20        | - 5U     | 75       |            | <u>•1</u>    | 21.6     |          | • 5      |                | !            |              | !            | 0.4         |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-3 (OL A)

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1

USAFETAC

RANDOLPH AFE TEXAS/SAN ANTONIO
STATION NAME

#### **PSYCHROMETRIC SUMMARY**

|             |              |       |                  |           |       |              |            |            |          |              |          |            |          |             |           |       |      | PAGE      | 1          | 1200        | 1400<br>il. 5. T.) |
|-------------|--------------|-------|------------------|-----------|-------|--------------|------------|------------|----------|--------------|----------|------------|----------|-------------|-----------|-------|------|-----------|------------|-------------|--------------------|
| Temp.       |              |       |                  |           |       | WET          | BULB 7     | EMPER      | ATURE    | DEPRE        | SSION (  | F)         |          |             |           |       |      | TOTAL     |            | TOTAL       |                    |
| (F)         | 0            | 1 - 2 | 3 - 4            | 5 - 6     | 7 - 8 | 9 - 10       | 11 - 12    | 13 - 14    | 15 - 16  | 17 - 18      | 19 - 20  | 21 - 22    | 23 - 24  | 25 - 26     | 27 - 28 2 |       |      | D.B. W.B. | Dry 'Jlb   | Wet Bulb    | Dew Point          |
| 94/ 93      |              |       |                  | 1         |       |              |            |            |          |              |          | l          |          |             | - 1       | • 0   |      | 1         | 1          | ļ           | ļ                  |
| 92/ 91      |              |       |                  |           |       |              |            |            |          |              |          |            |          |             | <u>•0</u> |       |      | 1         | 1          | L           |                    |
| 90/ 89      |              |       | j                | - 1       |       |              |            |            |          |              |          |            |          |             | • 0       | • 0   |      | 2         | 2          | l           | 1                  |
| 88/ 87      |              |       |                  |           |       |              |            |            | •0       |              |          |            | •0       | • 1         | • :)      |       |      | - 6       | 3          | <u> </u>    | <del> </del>       |
| 86/ 85      |              | İ     | į                | i         | 1     |              |            |            |          |              |          |            |          | • 1         |           | • 1   | •0   |           | ز          | l           | ĺ                  |
| 84/ 83      |              |       |                  |           |       |              | •0         | - • 1      | • 1      | •0           |          | • 1        | -1       | • 1         | •0        | •0    |      | 14        | 14         | <b></b>     | ļ                  |
| 82/ 81      |              |       |                  | Į         | - 1   | • 0          | • 1        | • 1        | • 1      |              |          | • 1        | • 1      |             | • 0       |       |      | 18        | 18         | Į.          | ļ                  |
| 80/ 79      |              |       |                  |           |       | <u>• 2</u>   | • 2        | • 2        | • 3      | • 1          | -1       | • 1        | • 2      |             | •0        |       |      | 46        | 45         |             | <del>1</del>       |
| 78/ 77      |              |       | ١,               | اہ        | • 3   | •5           | • 4        | • 4        | • 2      | •1           | •2       | . 3        | • 3      |             | • 0       |       |      | 82        | 82         | 1           |                    |
| 76/ 75      |              |       | <del>- •</del> { | - 2       | • 4   | . 8          | .7         | <u>• 6</u> | - 1      | • 3          |          | • 2        | • 3      | • 1         |           |       |      | 116       | 116        |             | <b></b>            |
| 74/ 73      |              | ا     | • 1              | • 4       | . 7   | • 6          | •6         | . 3        | • 4      | • 4          |          | • 4        | • 1      |             |           |       |      | 139       | 139<br>179 | •           |                    |
| 72/ 71      |              | • 0   | • 5              | - 7       | 1.0   | 1.2          | •6         | .3         | .4       | • 3          | _        | <u>e 4</u> | •0       |             |           |       |      |           | 205        | -           |                    |
| 68/ 67      | _            | •5    | •7               | 8.        | •7    | . 8          | • 5<br>• 8 | . 8<br>. 8 | .6       |              | ۰Ó       | • 1        | • 0      |             |           |       |      | 205       | 237        | _           |                    |
| 66/ 65      | •0           | • 4   | • 1              | • 9       | • 8   | 1 · 1<br>• 7 | .8         | .9         | • 9      | .7           |          | •1         |          |             | -         |       |      | 225       | 225        |             |                    |
| 64/ 63      | 1            | .7    | 7                | .9        | .7    | . 5          | 1.0        | 1.0        | 9        |              | •4       |            |          |             |           |       |      | 219       | 219        |             |                    |
| 62/ 61      | • 2          |       | • 4              | .8        | • 7   | • 5          | .9         | 1.0        | • 9      |              |          | **         |          |             |           |       |      | 194       | 194        |             | +                  |
| 60/ 59      | .3           |       | 5                | . 8       | .5    | .7           | . 8        | 7.7        | .6       |              | • 4      |            |          |             |           |       |      | 170       | 170        |             |                    |
| 58/ 57      | • 3          |       | .5               | 7         | .6    | .9           | .9         | • 5        |          |              |          |            |          |             |           |       |      | 173       | 173        |             |                    |
| 56/ 55      | 3            |       | . 6              | . 4       | . 9   | 1.0          |            | .6         |          |              |          |            |          |             |           |       |      | 165       | 165        |             | /                  |
| 54/ 53      | • 2          |       | .4               | • 6       | • 5   | 1.1          | • 5        | . 4        |          | <del> </del> |          |            |          |             |           |       |      | 130       | 131        | 224         |                    |
| 52/ 51      | .1           | .5    | . 5              | . 5       | . 6   | . 8          | .5         | . 4        |          |              | İ        |            |          |             |           |       |      | 117       | 117        |             |                    |
| 50/ 49      | - 1          | 1.1   | • 3              | • 9       | . 4   | • 5          | •6         | • 2        |          |              |          |            |          |             |           |       |      | 124       | 124        |             |                    |
| 48/ 47      | • 3          | 1.0   | . 5              | . 5       | • 4   | .6           | 1          | . 1        | ļ        | ļ            |          |            |          |             |           |       |      | 120       | 120        |             |                    |
| 46/ 45      | •2           | 1.1   | .4               | .5        | .4    | • 5          | . 3        |            | Γ        |              |          |            |          |             |           |       |      | 103       | 104        | 198         | 129                |
| 44/ 43      | . 2          | .4    | . 5              | . 4       | • 5   | .1           | • 1        |            |          |              | L        |            |          |             |           |       |      | 6.R       | 60         | 197         | 134                |
| 42/ 41      | .3           | • 9   | • 1              | • 1       | • 3   | . 3          |            |            |          | T            |          |            |          |             |           |       |      | 59        | 59         | 144         | 167                |
| 40/ 39      | .0           | • 6   | . 3              | • 2       | • 3   | •0           | <u> </u>   |            |          | <u> </u>     |          |            |          |             |           |       |      | 43        | 43         | 104         |                    |
| 38/ 37      | •0           | • 5   | . 2              | • 3       | • 1   |              |            |            |          |              |          | li         |          |             |           |       |      | 33        | 33         | 96          | 155                |
| 36/ 35      | .0           |       |                  | • 2       | • 1   |              |            |            |          |              | <u> </u> |            |          |             |           |       |      | 19        | 19         |             |                    |
| 34/ 33      | I -          | • 3   | • 2              | •0        |       |              |            |            |          |              |          | 1          |          |             |           |       |      | 17        | 17         |             | 1                  |
| 32/ 31      | .0           | • 3   | •0               |           |       |              |            |            |          | <u></u>      |          |            |          |             |           |       |      | 12        | 12         |             |                    |
| 30/ 29      |              | • 1   |                  |           |       |              |            |            |          |              |          |            |          |             | l i       |       |      | 2         | 2          |             |                    |
| 28/ 27      | ļ            | .0    |                  | <b></b> _ |       |              | L          |            | <u> </u> |              |          |            |          | L           |           |       |      | <u> </u>  | 1          | 5           | 91                 |
| Element (X) | Ļ            | Z X 2 |                  | ļ         | z X   |              | X          | ·**        |          | Ne. Ol       | 8.       |            |          | <del></del> |           |       |      | Temperat  |            |             |                    |
| Rel. Hum.   | <b> </b> -   |       |                  |           |       |              |            |            | _        |              |          | ± 0 F      | <u> </u> | 32 F        | ≥ 67 1    | -   - | 73 F | ≥ 80 F    | ₹ 93       | <del></del> | Total              |
| Dry Bulb    | <del> </del> |       |                  |           |       | 4-           |            |            |          |              |          |            |          |             |           |       |      | <b> </b>  | <u>-!</u>  |             |                    |
| Wet Bulb    | ļ            |       |                  |           |       |              |            |            |          |              |          |            |          |             |           |       |      |           | -          |             |                    |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Dew Point

JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PROCESSING RRANCH USAF ETAC AIR WEATHER SERVICE/MAT

KANDOLET LEG TEXAS/SAN ANTONIO

## **PSYCHROMETRIC SUMMARY**

FER

| 2911<br>STATION | KA       | いりひと                                             | :* 1 <u>f</u> : | (B)            | 77.02                                            | /SAF         | I AN I                                 | UNIU           | <u> </u>     | 39-          | 75            |            |                   |                                                  |             |          |           |           |          |                 | EH           |
|-----------------|----------|--------------------------------------------------|-----------------|----------------|--------------------------------------------------|--------------|----------------------------------------|----------------|--------------|--------------|---------------|------------|-------------------|--------------------------------------------------|-------------|----------|-----------|-----------|----------|-----------------|--------------|
| STATION         |          |                                                  |                 | 5              | TATION N                                         | AME          |                                        |                |              |              |               |            |                   | YE                                               | AR5         |          |           |           |          |                 | NTH          |
|                 |          |                                                  |                 |                |                                                  |              |                                        |                |              |              |               |            |                   |                                                  |             |          |           | PAG       | E 2      | 1200<br>HOURS ( | -140         |
| Temp.           |          |                                                  |                 |                |                                                  | WE7          | BULB                                   | TEMPER         | RATURE       | DEPRE        | SSION (       | F)         |                   |                                                  |             |          |           | TOTAL     |          | TOTAL           |              |
| (F)             | 0        |                                                  | 3-4             | <u> </u>       | 7 - 8                                            |              |                                        |                |              |              |               |            | 23 - 24           | 25 - 26                                          | 27 - 28     | 29 - 30  | ≥ 31      | L.B./W.B. | Dry Bulb |                 | Dew P        |
| 26/ 25          |          |                                                  | <br>1           |                | <del>                                     </del> | <del> </del> | 1                                      |                | 1.5          | <del> </del> |               |            | -                 |                                                  |             |          |           |           |          |                 | 10           |
| 24/ 23          |          | ł                                                | -3              |                |                                                  |              | i !                                    | Ì              |              | 1            |               |            |                   |                                                  | l           |          |           | ı         | ıl       |                 | -            |
| 22/ 21          |          | <del>                                     </del> | i               |                | <del>                                     </del> | ├──          | <del> </del> '                         |                | <del></del>  |              | <b></b>       |            |                   |                                                  |             |          |           | - 2       | 2        |                 | 1            |
| 0/ 19           |          |                                                  | "               | 1              | i                                                | 1            |                                        |                | 1            | l            | i '           |            |                   |                                                  |             |          |           | ۲         | -        | 3               |              |
| 8/ 17           |          |                                                  | <del> </del>    | <del> </del>   | ┼                                                | <del> </del> | ┼                                      | <del> </del> - |              | ├            | <del>  </del> |            |                   |                                                  |             |          |           |           |          | <u>_</u>        | -            |
| 6/ 15           |          | 1                                                | ļ               |                | !                                                | l            |                                        |                |              |              |               |            |                   |                                                  | - 1         |          |           |           | 1        |                 |              |
| 4/ 13           |          | <b></b> -                                        | <del> </del>    | <u></u>        | <del> </del>                                     | ├─~          | <del> </del> -                         | <b> </b> -     |              | ├            | <b> </b>      |            |                   |                                                  | <del></del> |          |           |           |          |                 | -            |
| 2/ 11           |          |                                                  | 1               |                | i                                                | İ            |                                        | Į              | ļ .          |              |               |            |                   |                                                  | l           |          |           |           |          | İ               |              |
| 0/ 9            |          | <del> </del> -                                   | <b>├-</b>       | <del> </del> - | <del></del>                                      | ├──          | <del> </del>                           |                | <del> </del> | <del> </del> | <del> </del>  |            |                   |                                                  |             |          |           |           |          |                 | <del> </del> |
|                 |          | 1                                                |                 | ļ              | !                                                | l            |                                        | ł              | ļ            | 1            | 1             |            |                   |                                                  |             |          |           |           |          | l               | '            |
| 8/ 7<br>6/ 5    |          | <del> </del>                                     | ├               | <b>-</b>       | <del> </del>                                     | ├            |                                        | <b> </b>       | <del> </del> | <b>├</b> ──  |               |            |                   | <del>                                     </del> |             |          |           |           |          |                 |              |
| TAL             | 2 1      |                                                  | ١,,             | ١, ,           | , , ,                                            |              | 11.5                                   | ر ما           | ۱            | ٠, ١         |               | ١.,        | ١.,               | ,                                                | اہ          | _        |           |           | 3051     | 1               | 2.           |
| ITAL            | 2.1      | 12.0                                             | 7 7 0 1         | 1100           | 17 7 0 3                                         | 1200         | 11103                                  | 7.4            | 7.9          | 4.4          | 3.3           | 1.0        | 104               | , 4                                              | • 2         | • 2      | •0        |           | 20.1     |                 | 32           |
| ļ               |          | 1                                                |                 | l              |                                                  | 1            | '                                      | 1              |              |              | 1             |            |                   |                                                  | l           |          |           | 3049      |          | 3049            |              |
|                 |          | <del> </del>                                     | <del> </del>    |                | ┼──                                              | ├            | <del> </del>                           | <b> </b>       | <del> </del> | <del> </del> |               | <b> </b> - | <b> </b>          | <u> </u>                                         |             |          |           |           |          | ·               | <del> </del> |
|                 |          |                                                  | 1               | !              | 1                                                | 1            | i '                                    | 1              |              | 1            |               | 1          | ĺ                 | 1 1                                              | - 1         |          |           |           |          | 1               |              |
|                 |          |                                                  | <del> </del>    | <u> </u>       | <del> </del>                                     | ऻ            | <b>↓</b>                               | <b> </b>       | ļ            | ├            |               | ļ          |                   | -                                                |             |          |           |           |          |                 | <b>├</b>     |
|                 |          |                                                  | 1               | 1              | 1                                                | 1            |                                        |                | 1            | 1            |               |            | ŀ                 |                                                  | ĺ           |          | i         |           |          |                 | !            |
|                 |          |                                                  | <u> </u>        | <u> </u>       | <b>↓</b>                                         | <del> </del> | <del> </del>                           | ļ              | <b> </b>     | <b>↓</b>     | ļ             | ļ          | <u> </u>          |                                                  |             |          |           |           |          |                 | <del> </del> |
|                 |          |                                                  | Ì               | i              | ì                                                | 1            | 1                                      | ļ              | 1            | ŀ            |               |            |                   | l [                                              | ļ           |          |           |           |          | ĺ               | 1            |
|                 |          | <u> </u>                                         | <u> </u>        |                | <del> </del>                                     | <u> </u>     | <del> </del>                           |                | <u> </u>     | <b>└</b> ─   | <u> </u>      |            |                   | L                                                |             |          |           |           |          |                 | <del> </del> |
| İ               |          | 1                                                |                 | i              | ŀ                                                |              |                                        | 1              | 1            |              | '             | 1          | l                 | 1 1                                              | I           |          |           |           |          | l               |              |
|                 |          | <u> </u>                                         | <u> </u>        |                | ↓                                                | <u> </u>     | <u> </u>                               |                | ļ            | <u> </u>     |               |            | L                 | <u> </u>                                         |             |          | l         |           |          |                 | <u> </u>     |
|                 |          |                                                  |                 |                | 1                                                | 1            |                                        | 1              |              | ł            | 1             | İ          | İ                 |                                                  | Ì           |          |           |           |          | ĺ               |              |
|                 |          |                                                  | L               | <u> </u>       | ـــــ.                                           |              |                                        | <u> </u>       | <u> </u>     | <u> </u>     |               | <u> </u>   |                   |                                                  |             |          |           |           |          |                 | ↓            |
| }               |          |                                                  |                 | ĺ              |                                                  | İ            | 1                                      | 1              | 1            | 1            | 1             | ŀ          |                   |                                                  | ł           |          |           |           |          | l               |              |
|                 |          |                                                  | L               | L              | <u> </u>                                         | <u> </u>     |                                        | <u> </u>       |              |              | <u> </u>      |            |                   |                                                  |             |          |           |           |          |                 |              |
| 1               | <u> </u> | İ                                                | 1               | 1              | ł                                                | İ            |                                        | 1              | 1            |              | l             |            |                   |                                                  | 1           |          | 1         |           |          | l               |              |
|                 |          |                                                  | <u> </u>        | <u></u>        | <u> </u>                                         | <u> </u>     | ــــــــــــــــــــــــــــــــــــــ |                | L            | <u> </u>     | <u> </u>      |            |                   |                                                  |             |          | <u> </u>  |           |          |                 | <u></u>      |
|                 |          |                                                  |                 |                |                                                  |              |                                        | 1              |              |              |               |            |                   | i 1                                              |             |          |           |           |          | l               |              |
|                 |          | L                                                | L               | L              | <u> </u>                                         |              |                                        |                | <u> </u>     | <u> </u>     | <u> </u>      |            | <u> </u>          |                                                  | 1           |          |           |           |          | <u></u>         | <u> </u>     |
|                 |          |                                                  | [               |                |                                                  |              | 1                                      |                |              |              |               |            |                   |                                                  |             |          |           |           |          | [               |              |
|                 |          | L                                                |                 | L              | 1                                                | <u></u>      |                                        |                | <u></u>      | <u> </u>     | <u></u>       |            |                   |                                                  | ]           |          | <u> </u>  |           |          |                 | <u> </u>     |
|                 |          |                                                  |                 | Τ-             |                                                  | T            | T                                      |                |              |              |               |            |                   |                                                  |             |          |           |           |          |                 |              |
|                 |          |                                                  | <u> </u>        |                | L                                                | <u></u>      |                                        |                | ļ            | <u> </u>     |               |            |                   | LI                                               |             |          |           |           |          |                 | <u> </u>     |
| lement (X)      |          | Σχi                                              |                 |                | ZX                                               |              | X                                      | •,             |              | No. O        | os.           |            |                   |                                                  | Meon N      | lo. of H | ours with | Tempera   | lure     |                 |              |
| el. Hum.        |          | 1107                                             | 70186           |                | 1693                                             | 182          | 55.6                                   | 23.3           | 340          |              | )49           | ± 0        | F                 | ≤ 32 F                                           | ≥ 67        | F        | 73 F      | ≥ 80 F    | ≥ 93 1   | F               | Total        |
| ry Bulb         |          | 1165                                             | 7693            |                | 1855                                             | 553          | 60,8                                   | 11.0           | 57           | 30           | ) 5.1         |            |                   | • 5                                              | 29          | • 0      | 11,9      | 1.        | 8        | •0              |              |
|                 |          |                                                  |                 |                |                                                  |              | -                                      | <del></del>    | -            |              |               |            | $\longrightarrow$ |                                                  |             |          |           |           |          |                 |              |
| Yet Bulb        | ı        | 837                                              | 77526           | )              | 1572                                             |              | 51.6                                   | 9.3            | 78           | 36           | 149           |            | - 1               | 2.1                                              | 4           | • 2      |           | •         | 1        | 1               | í            |

<u> 39-75</u>

## **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO

STATION NAME 12911 STATION FER 1500-1700 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

| Temp.            |     |       |          |       |                |           |                                                  |              |          |                                                  | SSION (      |         |         |              |         |            |              | TOTAL L     |          | TOTAL      |           | L |
|------------------|-----|-------|----------|-------|----------------|-----------|--------------------------------------------------|--------------|----------|--------------------------------------------------|--------------|---------|---------|--------------|---------|------------|--------------|-------------|----------|------------|-----------|---|
| (F)              | 0   | 1 - 2 | 3 - 4    | 5 - 6 | 7 - 8          | 9 - 10    | 11 - 12                                          | 13 - 14      | 15 - 16  | 17 - 18                                          | 19 - 20      | 21 - 22 | 23 - 24 | 25 - 26      | 27 - 28 | 29 - 30    | <b>2</b> 31  | D.B./W.B.   | Dry Bulb | Wet Bulb   | Dew Point | 1 |
| 94/ 93           |     |       |          |       |                |           |                                                  |              |          |                                                  |              |         |         |              |         | . 1        |              | 2           | 2        |            |           | 1 |
| 92/ 91           |     | []    | <u> </u> |       |                |           |                                                  |              |          |                                                  |              |         |         |              | •0      | 0          |              | 2           | 2        |            |           | 1 |
| 90/ 89           |     | !     |          |       |                |           |                                                  |              |          |                                                  |              | .0      | .0      | • 0          | • Oj    |            | • 1          | 5           | 5        |            |           | 1 |
| 88/ 87           |     |       |          |       |                |           |                                                  |              | •0       | .1                                               | .0           | - 1     |         | •0           | . 2     |            | •0           | 13          | 13       |            |           | _ |
| 86/ 85           |     |       |          |       |                |           |                                                  |              | .2       | . 1                                              | . 1          |         |         | • 1          | . 1     | • U        |              | 18          | 16       |            |           | 1 |
| 84/ 83           |     |       |          |       |                |           |                                                  | • 1          | . 1      | . 1                                              | .0           | .0      |         | •0           | - 1     | <u>, Ŭ</u> |              | 17          | 17       |            | <u> </u>  |   |
| 82/ 81           |     |       |          |       |                | • 1       | • 2                                              | .4           | .6       | .3                                               | . 1          | • 1     | • 2     | .0           | • 1     | +1         | i            | 53          | 63       | !          |           |   |
| 80/ 79           |     |       | !        |       | •0             | .3        | • 6                                              | • 5          | . 6      | .4                                               |              | 3       | . 3     |              | 1       |            |              | 107         | 107      |            |           | 1 |
| 78/ 77           |     | !     | İ        | • 1   | • 2            | . 5       | • 8                                              | • 5          | .4       | • 4                                              | • 4          | • 3     | • 5     |              | į       |            |              | 128         | 128      |            | İ         | i |
| 76/ 75           |     |       |          | . 3   | • 4            | .7        |                                                  | •5           | .3       | .4                                               | . 4          | . 7     | • 4     |              | 0       |            |              | 15?         | 152      |            |           | 4 |
| 74/ 73           |     |       | - 1      | • 5   | • 7            | • 7       |                                                  |              |          | . 2                                              | .6           | • 5     | • 2     | 1 1          | • 0     |            |              | 167         | 167      |            | İ         | ı |
| 72/ 71           |     | • 1   | • 0      | 9.    | 6              | . 7       | .6                                               | •6           | .6       |                                                  |              | . 4     | -1      |              |         |            |              | 200         | 209      | 16         |           | 4 |
| 70/ 69           |     | • 1   |          | • 5   |                | • 9       | •6                                               | •6           | 1.3      |                                                  | 1.1          | • 6     |         |              | İ       |            | 1            | 236         | 236      | 60         |           |   |
| 68/ 67           |     | • 1   |          | •4    | • 6            | • 7       | • 7                                              | • 9          | 1.0      |                                                  |              | . 1     | 1       |              |         |            | ļ ——         | 196         | 196      | 105        |           |   |
| 66/ 65           | _   | • 5   |          | • 4   |                | • 5       |                                                  |              |          |                                                  |              | • 1     |         |              |         |            |              | 185         | 195      | 146        |           | ł |
| 64/ 63           | • 2 |       |          | •6    | <u>•3</u>      | 6         |                                                  | • 7          | .9       | ,9                                               | • 1          |         |         |              |         |            | <u> </u>     | 173         | 173      | 165        | 73        | 4 |
| 62/ 61           | • 1 |       |          | • 7   |                | • 5       | .9                                               |              | •9<br>•7 | •2<br>•3                                         | • 1          |         |         | i l          | - 1     |            |              | 181         | 181      | 144        |           | l |
| 60/ 59           | .3  |       |          | • 4   |                | .4        |                                                  |              | 1        | • 3                                              |              |         |         |              |         |            | <u> </u>     | 168         | 168      | 178        |           |   |
| 58/ 57           | •1  | •6    |          | • 4   |                | 1.2       | •7                                               | •6           | •5       |                                                  |              |         |         | [            |         |            | ŀ            | 161         | 161      | 202        | 127       |   |
| 56/ 55           | •5  | •6    |          | .4    |                | .7        |                                                  |              |          |                                                  |              |         |         | <del> </del> |         |            |              | 143         | 143      | 219        |           |   |
| 54/ 53<br>52/ 51 | •0  | • 2   | 4 3      | • 5   | • 4            | . 8       |                                                  | •6<br>•4     | .3       |                                                  |              |         |         | ] [          |         |            |              | 118         | 118      | 255<br>214 |           |   |
| 50/ 49           | .2  | • 6   | .6       | •5    | •2             | <u>.6</u> |                                                  |              |          | <del>                                     </del> |              | •       |         |              |         |            | <del> </del> | 111         | 122      | 257        | 131       | + |
| 48/ 47           | .2  | 7     | .3       |       |                | . 5       | .4                                               |              | İ        |                                                  |              |         |         | i i          |         |            |              | 84          | 84       | 245        |           | l |
| 46/ 45           | 3   |       |          | • 2   |                | .4        |                                                  |              |          | <del> </del>                                     |              |         |         |              |         |            |              | 84          | 84       | 217        | 126       |   |
| 44/ 43           | 1   |       |          | .3    | .2             | . 2       |                                                  |              | 1        |                                                  |              |         |         |              | i       |            | i            | 49          | 49       | 168        |           |   |
| 42/ 41           | ,1  |       |          |       |                | .1        |                                                  | <del> </del> |          |                                                  |              |         |         |              |         |            |              | 47          | 47       | 116        |           |   |
| 40/ 39           | 1   |       |          |       |                | .1        |                                                  |              |          | ł                                                | !            | ļ       |         |              |         |            |              | 29          | 28       | 107        |           |   |
| 38/ 37           | .0  |       | .4       |       | • 2            |           |                                                  |              | $\vdash$ |                                                  | <del> </del> |         |         |              |         |            | i            | 20          | 29       | 93         |           |   |
| 36/ 35           | ••  | .3    |          |       |                |           | l                                                |              | [        |                                                  |              |         |         | 1            |         |            | ļ            | 15          | 15       | 54         |           | 1 |
| 34/ 33           | .0  |       | • 1      |       |                |           | <del>                                     </del> | <b>-</b>     | <u> </u> | <u> </u>                                         |              |         |         |              |         |            |              | 11          | 11       | 34         |           | 1 |
| 32/ 31           | '   | .4    |          |       |                |           |                                                  |              |          | 1                                                |              |         |         |              |         |            |              | 15          | 15       | 22         |           |   |
| 30/ 29           | 1   | •1    |          | .0    |                |           |                                                  | ì            | 1        |                                                  | <del> </del> |         |         |              |         | -          | T            | 4           | 4        | 18         |           |   |
| 28/ 27           | ļ   |       |          | .0    |                |           |                                                  |              |          | -                                                |              |         |         | ļ į          |         |            |              | 1 1         | i        | 5          |           |   |
| Element (X)      |     | Z X'  |          |       | z <sub>X</sub> |           | X                                                | <b>₹</b>     |          | No. Ol                                           | 5.           |         |         |              | Meon N  | lo. of H   | ours wit     | h Temperati | ure.     |            |           | 1 |
| Rel. Hum.        |     |       |          |       |                |           |                                                  |              |          |                                                  |              | ≤ 0 (   | F       | ≤ 32 F       | ≥ 67    | F          | 73 F         | ≥ 80 F      | ₹ 93 F   |            | Total     | 1 |
| Dry Bulb         |     |       |          |       |                |           |                                                  |              |          |                                                  |              |         |         |              |         |            |              |             |          |            |           | ] |
| Wet Bulb         |     |       |          |       |                | $\Box$    |                                                  |              |          |                                                  |              |         |         |              |         |            |              | i           |          |            |           | ] |
| Dew Point        |     |       |          |       |                |           |                                                  |              |          |                                                  |              |         |         |              |         |            |              |             |          |            |           | ] |
|                  |     |       |          |       |                |           |                                                  |              |          |                                                  |              |         |         |              |         |            |              |             |          |            |           |   |

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/"AC 12911 STATION RAHDOLPH AFE TEXAS/SAN ANTONIO

STATION NAME

#### **PSYCHROMETRIC SUMMARY**

FER

1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 26/ 25 110 24/ 23 59 57 22/ 21 53 20/ 19 18/ 17 16/ 15 40 38 25 17 14/ 13 12/ 11 10/ ? 8/ 6/ 5 TUTAL 2.510.0 7.6 8.0 8.611.811.410.210.4 7.6 5.0 3.2 1.8 3046 3046 3046 3046 Element (X) Σχ'n 7 No. Obs. Mean No. of Hours with Temperature ZX 50.923.708 63.111.269 155015 9600489 3046 ± 0 F ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F 12522864 8564560 3046 192102 36.3 18.6 84 Dry Bulb 4.7 • 6 159080 52.2 9.177 84 Wet Bulb 3046 1.3 Dew Point 5845492 126792 41.613.654 3046 84 23.6

39-75

€ AR THIS FORM ö EDITIONS PREV:OUS 4 ğ 0-26-3

## **PSYCHROMETRIC SUMMARY**

| Temp.       |              |             |       |                |                |        | BULB T   |                                        |             |              |          |          |                |         |              |          |               | TOTAL        |              | TOTAL                                        |             | ]   |
|-------------|--------------|-------------|-------|----------------|----------------|--------|----------|----------------------------------------|-------------|--------------|----------|----------|----------------|---------|--------------|----------|---------------|--------------|--------------|----------------------------------------------|-------------|-----|
| (F)         | 0            | 1 - 2       | 3 - 4 | 5 - 6          | 7 - 8          | 9 - 10 | 11 - 12  | 13 14                                  | 15 - 16     | 17 - 18      | 19 - 20  | 21 - 22  |                | 25 - 26 | 27 - 28      | 29 - 30  | ≥ 31          | D.B., W.B.   | Dry Bulb     | Wet Bulb                                     | Dew Point   | 1   |
| 88/ 87      |              |             |       | ŀ              | 1              |        |          |                                        |             |              |          |          | • C            | • 0     |              |          |               | 2            | 2            |                                              |             | ļ   |
| 86/ 85      |              |             |       |                | i              |        |          |                                        | .0          |              |          |          | 1              |         |              |          | <u> </u>      | 1            | 1            |                                              |             | J   |
| 84/ 83      |              |             |       | $\neg$         | i              |        |          |                                        |             |              | i        | .0       | υÚ             |         | •0           | • 0      | i             | 4            | 4            |                                              |             | 1   |
| 82/81       |              | l           | _ i   |                |                |        |          | 1                                      |             | . )          | .0       |          | <u>.:</u>      |         |              |          |               | 7            | 7            |                                              |             | 1   |
| 80/ 79      | i            |             |       |                |                | • 1    | .0       | • 1                                    |             | , l          | .1       |          | 1              |         |              |          | i             | 10           | 10           |                                              |             |     |
| 78/ 77      |              |             | ]     |                | .0             | . 1!   | . 2      | . 2                                    |             | .1           | ذوا      | -1       | الآو           | -1      |              |          | <u> </u>      | 25           | 25           |                                              |             | J   |
| 76/ 75      |              |             |       | • 2            | • 2            | • 3    | . 2      | • 3                                    | .2          | , 1          | . 2      | • 1      | 1              | • 1     | ļ            |          |               | 56           | 56           |                                              |             | ı   |
| 74/ 73      |              |             | . 1   | 6              | . 4            | . 5    | . 2      | 2                                      | • 2         |              | .2       | .1       | . 1            |         |              |          |               | ا ا          | ٩U           |                                              |             | 1   |
| 72/ 71      |              | • 1         | • 5   | ٠5             | . 8            | • >    | • 4      | • 1                                    | . 1         |              | .1       | · ì      | • 0            |         |              |          | 1             | 107          | 177          |                                              |             | ı   |
| 70/ 69      | .0           |             |       | _ მ            | 8.             | . ó    | .7       | • 3                                    | .4          |              |          | .1       |                | •0      |              |          | <u> </u>      | 179          | 179          |                                              | 2           | 1   |
| 68/ 67      |              | • 5         |       | 1.0            | . 9            | • 6    | . 4      | • 3                                    | ,5          |              |          |          | • 3            |         |              |          |               | 190          |              |                                              | 22          |     |
| 66/ 65      | .0           |             |       | 1.0            | 1.1            | • 6    | . 5      | .5                                     | _ • 5       |              |          | <u>•</u> |                |         |              | L        |               | 193          | 193          | 99                                           | 53          | 1   |
| 64/ 63      | • 1          |             | ۰ó    | . 8            | - 8            | • 5    | • 8      | 1.0                                    | . 7         | • 5          | . 1      |          |                |         | <b>!</b>     |          |               | 201          | 201          | 131                                          | 90          | 1   |
| 62/ 61      | 3            | . 7         |       | ∂              | • 9            | • 8    | <u> </u> | • 9                                    | _•          | ?            | <u>i</u> |          | !              |         |              |          | <u> </u>      | 21°          | 218          |                                              |             | 1   |
| 60/ 59      | • 3          | 1           |       | • 5            | . 8            | 1.2    | 1.2      | 1.0                                    | . 4         |              | l        | į        | {              |         | l            |          | 1             | 226          | 226          | 166                                          | L .         | 1   |
| 58/ 57      | • 2          |             |       | • 5            | <u>. 6</u>     | 1.2    | 1.2      | - 8                                    | _ <u>•3</u> | _ <u>• i</u> | <u></u>  | L        | <u> </u>       |         | <u></u>      |          | <u> </u>      | 207          | 207          | 179                                          | 124         | 4   |
| 56/ 55      | •6           |             |       | . 9            | 1.1            | 1.0    | 1.0      | 6.                                     |             |              |          | i        | i I            |         | ļ            |          | 1             | 223          | 223          | 170                                          | 145         | ı   |
| 54/ 53      | • 1          |             | • 5   | • 9            | 1.1            | 1.3    | • 9      | د :                                    | ر،          |              | L        | ļ        |                |         | <b> </b>     |          | <b>!</b> _    | 175          | 190          |                                              | 123         | 4   |
| 52/ 51      | • 3          | •7          |       | . 8            | . 8            | 1.0    | • 6      | • 2                                    | 20          |              |          | i        | : 1            |         | l            |          | ļ             | 153          | 153          |                                              | 138         | ĺ   |
| 50/ 49      | . 3          |             | 8.    | . 9            | -9             | .7     | . 8      | • 3                                    |             | L -          |          | <u> </u> |                |         | <u> </u>     |          | <u> </u>      | 173          | 173          |                                              |             | 4   |
| 48/ 47      | د .          |             |       | . 8            | .7             | • 5    | • 5      |                                        |             |              |          |          |                |         | l            |          | ļ             | 140          | 140          |                                              | 115         | ĺ   |
| 46/ 45      | • 4          |             |       | 3.             | •6             |        | • 3      | •0                                     |             |              | <u> </u> | <u> </u> |                |         |              |          | <del>  </del> | 133          | 133          | 26R                                          |             | 4   |
| 44/ 43      | , 2          | • 9         |       | • 5            |                |        | .3       |                                        |             |              |          | 1        |                |         | ŀ            | ľ        | l             | 101          | 101          | 207                                          | 153         | ı   |
| 42/ 41      | • 2          | .9          | .6    | • 5            | •5             | • 2    |          |                                        |             |              | <u> </u> |          | <u> </u>       |         |              | <u> </u> | <u> </u>      | 84           | 24           | 175                                          |             | 4   |
| 40/ 39      |              | •3          |       | .3             |                |        |          |                                        |             | ł            | l        | -        |                |         |              |          | 1             | 44           | 44           | 150                                          |             | - 1 |
| 38/ 37      | .1           |             |       |                |                | •0     |          |                                        |             | L            | <u> </u> | <u> </u> | ļļ             |         | ļ            |          | <u> </u>      | 40           | 40           | <u> </u>                                     |             | _   |
| 36/ 35      | , 1          |             |       |                |                |        |          |                                        |             |              |          | 1        |                |         | 1            | !        |               | 27           | 27           | 97                                           |             | ı   |
| 34/ 33      | • 1          |             |       |                | •0             |        |          |                                        | L           | <u> </u>     | <u> </u> |          |                |         | <u> </u>     | <b> </b> | <del></del>   | 12           | 12           | 71                                           | <del></del> | 4   |
| 32/ 31      | •0           |             |       |                |                |        |          |                                        |             |              |          | ļ        | l              |         | [            | !        | 1             | 10           | 10           |                                              |             |     |
| 30/ 29      | .0           | <del></del> |       |                |                |        |          |                                        | <u> </u>    | <u> </u>     | <u> </u> | ļ        |                |         | <u> </u> -   | <u> </u> | <del> </del>  | 14           | 14           |                                              | <del></del> |     |
| 28/ 27      |              | •0          |       | +0             |                |        |          |                                        | ]           |              | }        | 1        |                |         |              |          |               | 2            | 2            | ,                                            |             | ĺ   |
| 26/ 25      | L            | <b> </b>    |       | •0             | _              |        |          |                                        | <u> </u>    | <u> </u>     | <b> </b> |          |                |         | <u> </u>     | <u> </u> | <del> </del>  | 1 1          | <del> </del> | 4                                            | <del></del> | -1  |
| 24/ 23      |              | ļ           |       | •0             |                |        |          | j                                      | !           |              | 1        | }        | ļ              |         | 1            |          |               | 1            | 1            | 1                                            |             |     |
| 22/ 21      |              | <u>Ļ</u>    |       |                |                | L.,    |          |                                        | <u> </u>    | 1            | L,       | <u> </u> |                |         | ـــــــ      |          | 1             | <u> </u>     |              | 2                                            | 79          | 4   |
| Element (X) |              | Zy          |       |                | z <sub>X</sub> |        | X        | ************************************** |             | No. O        | )s.      |          |                | ***     |              |          |               | h Temparo    |              |                                              | 7           | 4   |
| Rel. Hum.   |              |             |       | <del> </del> - |                |        |          |                                        |             |              |          | ⊴ 0      | F - 3          | 32 F    | z 67         |          | ≥ 73 F        | > 80 F       | * 93         | <u>-                                    </u> | Total       | ٠İ  |
| Dry Bulb    | <del> </del> |             |       |                |                |        | .,       |                                        |             |              |          |          |                |         | <del> </del> |          |               | <del> </del> |              | <del></del> -                                |             | 4   |
| Wet Bulb    | ļ            |             |       |                |                |        |          | <u> </u>                               |             |              |          |          | <del> </del> - |         | }            |          |               | <del> </del> |              |                                              |             | 4   |
| Dew Point   | !            |             |       | <u> </u>       |                |        |          | L                                      |             |              |          |          | ~              |         | <u>!</u>     |          |               | <u></u>      |              |                                              |             | ز   |

USAFETAC FORM 3-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RL' DOLPH AFB TEXAS/SAN ANTONIO

## **PSYCHROMETRIC SUMMARY**

FER

| STATION    |     |              |                | 5            | TATION N       | AME             |                                                  | ****    |                | <u>~</u> |               |              |                                         | YE           | ARS     |               |                |                |              |              | TH           |
|------------|-----|--------------|----------------|--------------|----------------|-----------------|--------------------------------------------------|---------|----------------|----------|---------------|--------------|-----------------------------------------|--------------|---------|---------------|----------------|----------------|--------------|--------------|--------------|
|            |     |              |                |              |                |                 |                                                  |         |                |          |               |              |                                         |              |         |               |                | PAG            | ٤.           | 1800         | -2u(         |
| Temp.      |     |              | *              |              |                | WET             | BULB 1                                           | EMPER   | ATURE          | DEPRE    | SSION         | F)           |                                         | "            |         |               |                | TOTAL          |              | TOTAL        |              |
| (5)        | 0   | 1.2          | 3 - 4          | 5 - 6        | 7.8            | 9 - 10          | 11 . 12                                          | 13 - 14 | 15 . 16        | 17 - 18  | 19 . 20       | 21 - 22      | 23 . 24                                 | 25 - 26      | 27 . 28 | 29 - 30       | 231            | D.B./W.B.      | Dry Bulb     | Wet Bulb     | Dew P        |
| 20/ 19     |     | <del> </del> | -              |              | 1              | <del>/ 10</del> | <del>                                     </del> |         | 1.5            |          | *****         |              |                                         | 1000         |         |               |                | <del> </del>   |              | 1            | -            |
| 8/ 17      |     |              |                | ĺ            |                |                 | į l                                              |         | ļ .            |          |               |              |                                         |              |         |               |                |                |              | <u> </u>     |              |
| 67 15      |     | <del> </del> | <del> </del>   | <del> </del> |                |                 | <del> </del>                                     |         |                |          |               |              |                                         | <del> </del> |         |               |                |                |              |              |              |
| 6/ 12      |     |              |                | ĺ            |                |                 |                                                  |         | İ              |          |               |              |                                         |              | ı       |               |                |                |              |              |              |
| 4/ 13      |     | <del> </del> | <u> </u>       |              |                |                 | <u> </u>                                         |         | <u> </u>       |          |               | <u> </u>     | <u> </u>                                | ļ            |         |               |                |                |              |              |              |
| 2/ 11      |     |              |                | ļ            |                |                 |                                                  |         |                | i l      |               |              |                                         |              |         |               | ŧ              |                |              |              |              |
| 0/ 9       |     | <u> </u>     | !<br>          |              | <u> </u>       |                 | ļ                                                |         | <u> </u>       |          |               |              | <u> </u>                                | <u> </u>     |         |               | <u> </u>       |                |              |              |              |
| 8/ 7       |     |              |                |              | !              |                 |                                                  |         | İ              |          |               | 1            | ļ                                       | 1            | İ       |               |                |                |              | l i          |              |
| 6/ 5       |     |              | <u> </u>       |              | l              |                 |                                                  |         |                |          |               |              |                                         |              | ]       |               |                | <u> </u>       |              |              |              |
| 4/ 3       |     |              |                |              |                |                 |                                                  |         |                |          |               |              | l                                       |              |         |               |                |                |              |              |              |
| 0/ -1      |     |              | 1              | l            | ]              | :               |                                                  |         | İ              |          |               |              | l                                       |              | ļ       |               | l              |                |              |              |              |
| ITAL.      | 3.6 | 14.3         | 13.1           | 13.3         | 14.0           | 12.5            | 11.2                                             | 7.5     | 4.3            | 3.3      | 1.7           | .7           | • 2                                     | . 2          | .0      | • 0           | Ì              | !              | 3044         |              | 304          |
| 1          |     |              | 1              | i            |                | Į               | Ì                                                |         | ł              |          |               |              | ]                                       |              |         |               |                | 3042           | ĺ            | 3042         |              |
|            |     | 1            |                | <b></b>      |                |                 |                                                  |         |                |          |               |              |                                         |              |         |               |                | <del> </del> - | i            |              |              |
| 1          |     |              | ĺ              | 1            |                |                 | ł                                                |         | l              |          |               | 1            | i                                       | i I          |         |               |                |                |              |              |              |
|            |     | <del> </del> | <del> </del> - |              |                |                 |                                                  |         | <del> </del>   |          | ~             |              | <u> </u>                                | <del> </del> |         |               | <del> </del>   | <del> </del>   | <del> </del> | <del> </del> |              |
|            |     |              |                | ł            |                |                 |                                                  |         |                |          |               |              |                                         |              | 1       |               |                |                |              |              |              |
|            |     | <del> </del> | <del> </del>   |              | <del> </del> - | <del></del>     | ;                                                |         | <del> </del> - |          | <del></del>   |              | <del> </del>                            | <del> </del> |         |               | <del> </del>   | <del> </del> - |              | <del> </del> | }            |
|            |     |              | 1              |              | ļ              | İ               |                                                  |         | ]              |          |               | l            | 1                                       |              |         |               |                |                |              |              |              |
|            |     | <del> </del> | <del> </del>   | <del> </del> |                | <del> </del> -  | ├                                                |         | <del> </del>   |          | <del></del> - |              |                                         | -            |         |               | <del> </del> - | <del> </del> - | <del></del>  |              |              |
|            |     | 1            | ]              |              |                |                 |                                                  |         | ł              |          |               | 1            | 1                                       | 1            |         |               |                |                |              |              |              |
|            |     | ┼            | <del>├</del> - | i            | ļ              | ├               | <del>                                     </del> |         | <del> </del>   | ļ        | ļ             | <del> </del> | <del> </del>                            |              |         |               | <del> </del>   | <del> </del>   | ļ            |              | <del> </del> |
|            |     |              | ł              | 1            | 1              | l               | j                                                |         | 1              |          |               | 1            | l                                       |              |         |               | 1              |                | į            | ļ            |              |
|            |     | <b></b>      | <del> </del>   | <del> </del> | <b> </b>       |                 | <u> </u>                                         | ļ       | <del> </del>   |          | <b></b> _     | <del> </del> | <del> </del>                            | <del> </del> |         |               | ļ              | <del> </del> - |              | <del> </del> |              |
|            |     |              |                | 1            |                | l               |                                                  | l       | 1              | 1        |               | j            |                                         |              |         |               |                | Į              | l            |              |              |
|            |     | ļ            | <u> </u>       | ↓            | <u> </u>       |                 | <u> </u>                                         | ļ       | ļ              |          |               | ļ            | ļ                                       | <del>!</del> |         |               | ļ              | ļ              |              |              |              |
|            |     |              |                |              | 1              | 1               |                                                  |         | 1              | ł        | ĺ             | 1            | 1                                       | ŀ            |         |               | l              | 1              |              |              | Į            |
|            |     |              | ļ              |              | <u> </u>       |                 | 1                                                |         | <u> </u>       | L        |               |              | ļ                                       |              |         |               |                | <u> </u>       |              |              |              |
|            |     |              |                |              | 1              | ļ               | 1                                                |         | 1              |          | }             | 1            |                                         | İ            |         |               |                |                | ĺ            |              |              |
|            |     |              | <u> </u>       |              | <u> </u>       |                 | <u> </u>                                         | <u></u> |                |          |               | <u> </u>     |                                         | <u> </u>     |         |               |                |                |              |              | )<br>}       |
|            |     | 1            |                | 1            | 1              |                 |                                                  |         |                |          |               |              |                                         | 1            |         |               |                |                |              |              |              |
|            |     | 1            | 1              |              | L              | L               | i                                                | L       |                | l        | L             | <u> </u>     |                                         |              | L       |               | <u> </u>       |                | <u></u>      | <u> </u>     | <u></u>      |
|            |     |              |                |              |                |                 |                                                  |         |                | ]        |               |              |                                         |              | ]       |               |                |                |              |              |              |
|            |     |              | 1              |              | 1              |                 | 1                                                | i       |                | 1        |               | l            |                                         | 1            |         |               | 1              |                |              | Í            |              |
|            |     | T            | 7'             |              |                |                 | 1                                                | Ī       | 1              |          |               | 1            |                                         | T            |         |               |                | 1              |              |              |              |
|            |     | 1            |                | 1            |                | 1               |                                                  |         |                | 1        |               |              |                                         |              |         |               |                | İ              | i            |              |              |
| lement (X) |     | Σχ²          |                |              | Σχ             |                 | X                                                | €,      |                | No. OL   | 5.            |              | *************************************** |              | Mean N  | lo. of H      | ours wit       | h Tempera      | ture         |              |              |
| el. Hum.   |     | 1239         | 4009           |              | 1814           | 73              | 59.7                                             | 22.7    | 08             | 30       | 42            | ≤ 0          | F                                       | ≤ 32 F       | ≥ 67    | F             | 73 F           | ≠ 80 F         | ≥ 93         | F            | Total        |
| ry Bulb    |     |              | 7416           |              | 1755           | 86              | 57.7                                             | 10.2    | 41             |          | 44            |              | 1                                       | , 8          |         |               | 5,1            |                | 5            |              |              |
| et Bulb    |     | 783          | 33945          | 5            | 1517           | 73              | 57.7<br>49.9                                     | 9.2     | 75             |          | 42            |              | _                                       | 2.2          |         | • 5           |                | <del>`</del>   | _            |              |              |
| Dew Point  |     |              | 7683           | 3            | 1269           | 55              | 41.7                                             | 13.3    | 07             |          | 42            |              | •1                                      | 21.9         |         | .7            |                | 1              | $\dashv$     | -            |              |
|            |     |              |                | 1            |                |                 |                                                  | تترتت   |                |          | · 64          |              | <u></u>                                 | ~ • • •      |         | <del></del> - |                |                |              |              |              |

39-75

USAFETAC FORM O-26-3 (OL A) PREVIOUS EDITIONS OF THIS FOPM ARE OBSOLETE

# **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIU 2130-2300 HOURS (L. S. T.) PAGE 1

| Tomp.       |            |          |          |              |          | WET    | BULB 1    | TEMPER       | ATURE       | DEPRE    | SSION (                                      | F)       |         |              |                                        |          |              | TOTAL        |          | TOTAL     |           |
|-------------|------------|----------|----------|--------------|----------|--------|-----------|--------------|-------------|----------|----------------------------------------------|----------|---------|--------------|----------------------------------------|----------|--------------|--------------|----------|-----------|-----------|
| (F)         | 0          | 1 - 2    | 3 - 4    | 5 - 6        | 7 - 8    | 9 - 10 | 11 12     | 13 - 14      | 15 - 16     | 17 - 18  | 19 - 20                                      | 21 - 22  | 23 - 24 | 25 - 26      | 27 - 28                                | 29 - 30  | * 31         | D.B./W.B.    | Dry Bulb | Wet Bulb  | Dew Point |
| 76/ 75      |            |          |          | •0           |          |        |           |              |             |          | i                                            | .1       | , C     |              |                                        |          | 1            | 5            | 5        |           |           |
| 74/ 73      |            |          |          | • 0          |          | • 1    |           |              |             |          |                                              |          | • 0     |              |                                        |          | İ            | 4            | 4        |           |           |
| 72/ 71      |            | •0       | ۸ 2      | • 2          | . 1      | •0     | • 1       | •0           | i — —       |          |                                              | • 0      |         |              | i                                      |          | 1            | 20           | 20       |           |           |
| 70/ 69      |            | .8       | • 9      | . 3          | . 1      | . 1    | •0        | • 1          | .0          |          | .0                                           | .0       |         | ł            |                                        |          |              | 74           | 74       | 4         | ı i       |
| 68/ 67      | • 1        | 1.1      | 2.0      | • 3          | • 1      |        | •1        | •0           |             | .1       | • 1                                          |          |         | 1            |                                        |          |              | 121          | 121      | 52        | 18        |
| 66/ 65      | . 1        | 1.5      | 1.5      |              |          | . 1    | • 3       | . 1          |             | ,        |                                              | ]        |         | ļ            | <b>,</b>                               |          |              | 145          | 145      | 80        | 62        |
| 64/ 63      | . 4        | 1.5      | 1.7      | 1.0          | • 2      | • 2    | . 3       | • 2          | .1          |          | .0                                           |          |         |              |                                        |          |              | 169          | 159      | 139       | 102       |
| 62/ 61      | . 6        | 1.5      | 1.0      |              | • 3      | • 2    | . 4       | .2           | .3          | .1       |                                              |          |         | 1            |                                        |          | ]            | 164          | 164      | 113       | 124       |
| 60/ 59      | • 4        |          |          |              | • 5      | • 6    | .6        | • 5          |             |          |                                              |          |         |              | 1                                      |          |              | 202          | 202      | 147       | 103       |
| 58/ 57      | • 4        |          |          | .7           | . 8      | 95     | , 8       | ,6           | .1          |          |                                              |          |         | 1            |                                        |          |              | 200          | 201      | 148       |           |
| 56/ 55      | . 5        |          | 1.1      | 1.0          |          | 1.2    | • 9       | • 4          |             | • 0      |                                              |          |         |              |                                        |          |              | 247          | 247      | 141       | 132       |
| 54/ 53      | د .        |          | 1.5      | 1.3          | 1.2      | 1.2    |           | • 2          | l           |          | <u> </u>                                     |          |         |              | <u> </u>                               |          | 1            | 248          |          | 147       | 126       |
| 52/ 51      | .6         |          |          | 1.4          |          | 1.0    |           | • 1          |             |          | I                                            |          |         | 1            | Ī                                      |          | 1            | 217          | 218      | 181       | 139       |
| 50/ 49      | . 2        |          |          |              |          | • 9    |           | .1           |             |          |                                              |          |         | <u> </u>     | <u> </u>                               |          | <u> </u>     | 211          | 211      | 177       | 115       |
| 48/ 47      | • Ó        |          |          | 1.4          | .6       | .8     | • 5       | • 1          |             |          |                                              |          |         | l            |                                        |          |              | 182          | 165      | 237       | 107       |
| 46/ 45      | .6         | 1.9      | 1.1      | 1.4          | . 8      | .7     | • 1       |              |             |          |                                              |          |         |              |                                        |          | <u> </u>     | 202          | 202      | 270       |           |
| 44/ 43      | • 2        |          |          | 1.2          |          | • 4    | • 1       |              |             |          |                                              |          |         |              |                                        |          |              | 179          | 179      | 268       |           |
| 42/ 41      | . 2        |          |          | • 7          |          | .3     | • 1       |              |             |          | <u></u>                                      |          |         | <u> </u>     |                                        |          |              | 133          | 133      | 209       |           |
| 40/ 39      |            | • Ó      |          |              |          |        |           | Ì            | 1           |          |                                              | Ì        |         | 1            | l                                      | ĺ        | 1            | 93           | 93       | 185       | 166       |
| 38/ 37      | <u>•</u> Ú |          |          | .7           | • 3      | .0     |           |              | <u> </u>    |          | <u> </u>                                     |          |         | <u> </u>     | L                                      |          | <u> </u>     | 79           |          | 138       |           |
| 36/ 35      | į          | .6       |          |              |          |        | 1         | l            | l           | 1        | 1                                            |          |         | 1            | l                                      |          | 1            | 62           | 62       | 130       | 175       |
| 34/ 33      | . 1        | •4       | .5       |              |          |        |           |              | <u> </u>    |          | <u> </u>                                     |          |         | <u> </u>     | ļ                                      |          | ļ            | 37           | 37       | 94        | 167       |
| 32/ 31      | •0         |          | .3       | • 1          |          |        |           |              | l           |          |                                              |          |         | 1            |                                        |          | Ì            | 20           | ટડ       | 89        | 123       |
| 30/ 24      |            | • 5      |          |              |          |        |           |              | <u> </u>    | <u> </u> |                                              |          |         | <u> </u>     | ļ                                      |          | <u> </u>     | 21           | 20       |           |           |
| 28/ 27      | ł          | .2       | .0       | •0           | }        |        |           | 1            | 1           | l        | 1                                            |          |         |              | İ                                      | 1        | 1            | 9            | 9        | 36        |           |
| 26/ 25      |            | <u> </u> | l        |              |          |        |           | ļ            | ļ           | <b> </b> |                                              |          |         | ļ            | <u> </u>                               | <u> </u> | ļ            | <u> </u>     |          | 10        |           |
| 24/ 23      | )<br>1     |          | ı •º     |              |          |        |           | ŀ            | ľ           | 1        |                                              |          |         | i            | 1                                      | 1        |              | 1            | 1        |           | 74        |
| 22/ 21      |            |          | •0       | •0           |          |        |           | ļ            | <u> </u>    |          | <u> </u>                                     | <u> </u> |         | ļ            |                                        |          | ļ            | 2            | 2        | 1         | 73        |
| 20/ 19      |            |          | 6.1      |              |          |        | l         |              |             |          |                                              | l        |         | Ì            |                                        |          | 1            | 2            | 2        | 1         | 46        |
| 18/ 17      | <b> </b>   | <u> </u> | ļ        | L            | ļ        |        | <u> </u>  |              | <u> </u>    | <u> </u> | <u> </u>                                     | <u> </u> |         | <del> </del> | <u> </u>                               | ļ        | <del> </del> |              |          | 2         | 33        |
| 16/ 15      | l          |          | ļ ļ      |              |          |        |           | i            |             |          |                                              | ,        |         |              |                                        |          |              |              | j        | 2         | 37        |
| 14/ 13      |            |          | <u> </u> | ļ            | ļ        |        |           |              | ļ           | <u> </u> |                                              |          |         | <del> </del> |                                        |          | <del> </del> | ļ            |          |           | 23        |
| 12/ 11      | l          | 1        | 1        |              | 1        |        | l         | 1            |             |          |                                              | ]        |         |              |                                        |          |              |              |          |           | 7         |
| 10/ 9       |            | <u> </u> | <u> </u> |              | <u> </u> | L.,    | L <u></u> |              | <del></del> | <u> </u> | <u>.                                    </u> |          |         | J            | ــــــــــــــــــــــــــــــــــــــ | <u> </u> |              |              |          | L         | 2         |
| Element (X) | <b> </b>   | ΣX,      |          | <del> </del> | Σχ       |        | X         | <u>*</u> x   |             | No. O    | bs.                                          |          |         | - 40.5       |                                        |          |              | h Tempera    |          |           | T . 1     |
| Rel. Hum.   |            |          |          | <u> </u>     |          |        |           | <del> </del> |             |          |                                              | _ ≤ 0    | ř       | ≤ 32 F       | ≥ 67                                   | F        | > 73 F       | > 80 F       | * 93     | <u>  </u> | Total     |
| Dry Bulb    | ļ          |          |          | <b> </b>     |          |        |           | <u> </u>     | -           |          |                                              |          | -+-     |              | <u> </u>                               |          |              |              |          |           |           |
| Wet Bulb    | ļ          |          |          |              |          |        |           |              |             |          |                                              |          |         |              | <b> </b>                               |          |              | <del> </del> | _        |           | ·         |
| Dew Point   |            |          |          |              |          |        |           | I            |             |          | - 1                                          |          | Į.      |              | l                                      |          |              | 1            | 1 .      |           |           |

USAFETAC FORM ARE OBSOLETE

FORM 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 29-75 FER
STATION STATION HAME YEARS YEARS MONTH

PAGE 2 2100-2500 HOURS (L. S. T.)

| Tomp.      |     |       |             |          |          |        | BULB 1       |             |         |         |                  |         |         |             |         |          |          | TOTAL                                            |          | TOTAL    |          |
|------------|-----|-------|-------------|----------|----------|--------|--------------|-------------|---------|---------|------------------|---------|---------|-------------|---------|----------|----------|--------------------------------------------------|----------|----------|----------|
| (F)        | 0   | 1 - 2 | 3 - 4       | 5 - 6    | 7 - 8    | 9 - 10 | 11 - 12      | 13 - 14     | 15 - 16 | 17 - 16 | 19 - 20          | 21 - 22 | 23 - 24 | 25 - 26     | 27 - 28 | 29 - 30  | ≥ 31     | D.B./W.B.                                        | Dry Bulb | Wet Bulb | Dew Poin |
| 8/ 7       |     |       |             |          |          |        |              |             |         |         |                  |         |         |             |         |          |          |                                                  |          | ]        | 3        |
| 6/ 5       |     |       |             | 1        | !        | l!     |              |             |         |         | _}               |         |         |             |         |          |          |                                                  |          | <u> </u> | 1 1      |
| 4/ 3       |     |       |             |          |          |        | <u> </u>     |             |         |         |                  |         |         |             |         |          |          |                                                  |          |          | 2        |
| 2/ 1       |     | 1     |             |          |          |        |              | i '         |         |         |                  | i       |         |             |         |          |          |                                                  | ĺ        | ł        | 2        |
| 0/ -1      |     |       |             |          |          |        |              |             |         | i       |                  |         |         |             |         |          |          |                                                  |          |          | 2        |
| TAL        | 5,2 | 25.3  | 23.3        | 17.1     | 11.4     | 8.4    | 5.5          | 2.6         | .5      | , 4     | . 1              | . 2     | • 1     |             |         |          | 1        |                                                  | 3.750    |          | 3048     |
|            |     |       |             |          |          |        |              |             |         |         |                  |         |         |             |         |          |          | 304R                                             |          | 3048     | 1        |
|            | _   | 1     | L'          |          | ļ        |        |              |             |         |         |                  |         |         | ļ           |         | _        |          |                                                  |          | ļ        |          |
|            |     |       |             |          |          |        |              |             |         |         |                  | -       |         |             |         |          | i        |                                                  |          | ĺ        |          |
| 1          |     |       | 1 '         | l        |          | '      |              | 1           |         |         |                  | ı       |         |             |         | ļ        | ĺ        |                                                  | ĺ        |          |          |
|            |     |       |             |          |          |        |              |             |         |         |                  |         |         |             |         |          |          |                                                  |          |          |          |
|            |     |       |             |          |          |        | '            | <b>i</b> '  | İ       |         | 1 1              |         |         | 1           |         |          |          |                                                  |          |          |          |
|            |     |       |             |          |          |        |              |             |         |         |                  |         |         |             |         |          |          |                                                  |          |          |          |
|            |     |       |             |          |          |        | '            |             | ĺ       |         | ,                |         |         |             |         |          |          |                                                  |          |          | }        |
|            |     |       |             |          |          |        |              |             |         |         |                  |         |         |             |         |          |          |                                                  |          |          |          |
|            |     | ł     | l           |          |          |        |              | 1           |         |         |                  |         |         |             |         | i        |          |                                                  |          |          | l        |
| i          |     |       |             |          |          |        |              |             |         |         |                  |         |         |             |         |          |          |                                                  |          |          |          |
|            |     |       |             | ļ        | 1        |        |              |             |         | ł       |                  | , ,     |         |             |         |          |          |                                                  |          |          | 1        |
|            |     |       |             |          |          |        |              |             |         |         |                  |         |         |             |         |          |          |                                                  |          |          |          |
|            |     | 1     |             |          |          | •      |              | l           | l       | 1       |                  |         |         | 1           | •       | 1        | 1        |                                                  |          | .]       |          |
|            |     |       |             |          |          | 1      |              |             | 1       |         |                  |         |         |             |         |          |          |                                                  |          |          |          |
|            |     | 1     |             |          | 1        | 1      |              | Į.          |         |         |                  |         |         |             | [       |          |          |                                                  |          |          |          |
|            |     | 1     |             |          | 1        | 1      | 1            | <del></del> | i       | 1       |                  |         |         |             | i       |          |          | 1                                                |          |          |          |
| j          |     | 1     |             |          |          |        | [            | 1           | 1       |         | , ,              | [ ]     |         |             | ļ       |          |          | 1                                                |          | ŀ        | 1        |
|            |     |       | Γ           |          |          |        |              |             |         | T       |                  |         |         |             |         | 1        | ì        |                                                  |          |          | 1        |
|            |     | i     | Į           | İ        | Ī        |        |              | 1           | ļ       |         | '                |         |         | 1           | ļ       | 1        | i        | ł                                                |          | İ        | 1        |
|            |     |       |             |          |          | T      | T            |             |         | 1       |                  |         |         |             |         | 1        |          |                                                  |          |          |          |
|            |     | 1     | 1           |          | 1        |        |              | į .         | ŀ       | j       | į '              | [ ]     |         |             | Ì       | 1        |          | ļ                                                |          | 1        | 1        |
|            |     | 1     |             | <u> </u> | 1        |        |              | 1           |         |         |                  |         |         |             |         |          |          |                                                  |          |          | 1        |
|            |     |       |             |          |          |        |              | ļ           | ļ       | 1       | İ '              |         |         | }           | i       |          | ĺ        | ļ                                                |          | !        | l        |
|            |     |       | T           |          | <u> </u> |        | $T^{-}$      |             | 1       | $T^{-}$ |                  |         |         |             | l       |          |          |                                                  |          | T-:      | 1        |
|            |     | Ì     |             |          | i        | 1      | 1            |             |         |         |                  |         |         |             | İ       | ļ        | 1        | ļ                                                | ļ        |          |          |
|            |     |       | <del></del> | 1        | i        | 1      | <del></del>  | T           | 1       |         |                  |         |         | 1           | i       |          |          | 1                                                |          |          | ·        |
| Ì          |     |       | ]           | ļ        | İ        | 1      | i            | ŀ           |         | 1       |                  | ļ       |         |             |         | ļ        |          | 1                                                | [        |          | ļ        |
| lement (X) |     | Zx2   |             |          | Σχ       |        | X            | ·x          |         | No. Ol  | , <del>.</del> . | ·       |         | <del></del> | Mean    | No. of H | ours wit | h Tempera                                        | ture     |          |          |
| el. Hum.   |     | 1623  | 8276        | ,        | 2136     | 46     | 70.1         | 20.3        | 59      | 30      | 48               | ≤ 0 1   | F       | ≤ 32 F      | ≥ 67    | F        | 73 F     | ≥ 80 F                                           | z 93     | 7        | Total    |
| ry Bulb    |     | 874   | 7645        |          | 1607     | 43     | 70.1<br>52.7 | 19.5        | 15      |         | 50               |         |         | 1,5         | 6       | . 2      | , 2      |                                                  |          |          | 87       |
| Net Bulb   |     | 724   | 4326        | ,        | 1455     | 514    | 47.7         | 9.8         | 79      |         | 148              |         |         | 5.2         |         | • 5      |          | 1                                                | 7-       |          | 84       |
| Dew Point  |     | 594   | 6882        | ,        | 1283     | 158    | 42.1         | 13.3        | 30      |         | 148              |         | •1      | 21.0        |         | • 5      |          | <del>                                     </del> | $\neg$   |          | 84       |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC RANDOLPH AFE TEXAS/SAN ANTONIO 39-45,47-71,73-75

# **PSYCHROMETRIC SUMMARY**

| STATION          |            |              |       | 57         | ATION NA   | ME  |        |                                                  |              |                |                |                                                  |                                                  | YE                                               | ARS                                              |             |              |              |              | MO           | NTH     |
|------------------|------------|--------------|-------|------------|------------|-----|--------|--------------------------------------------------|--------------|----------------|----------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------|--------------|--------------|--------------|--------------|---------|
|                  |            |              |       |            |            |     |        |                                                  |              |                |                |                                                  |                                                  |                                                  |                                                  |             |              | PAG          | El           | UDUO HOURS   | -020(   |
| Temp.            |            |              |       |            |            | WET | BULB 1 | TEMPER                                           | ATURE        | DEPRE          | SSION (        | F)                                               |                                                  |                                                  |                                                  |             |              | TOTAL        |              | TOTAL        |         |
| (F)              | 0          | 1 - 2        | 3 - 4 | 5 - 6      | 7 - 8      |     |        |                                                  |              |                |                |                                                  | 23 - 24                                          | 25 - 26                                          | 27 - 28                                          | 29 - 30     | ≥ 31         |              | Dry Bulb     |              | Dew Por |
| 74/ 73           |            |              | . 1   | • 0        |            |     |        |                                                  |              |                |                |                                                  |                                                  |                                                  |                                                  |             |              | 4            | 4            | <del></del>  |         |
| 72/ 71           |            | . 6          |       | 1          |            | Ì   | • 0    |                                                  | • 0          |                |                |                                                  |                                                  | ĺ                                                |                                                  |             | ł            | 46           | 46           | 2            |         |
| 70/ 69           | • 2        |              |       | • 4        |            | . 1 | • 1    |                                                  |              |                |                |                                                  |                                                  |                                                  |                                                  |             | i            | 154          |              | 42           | 2       |
| 68/ 67           | . 2        |              |       | . 1        | . 2        | . 1 |        | [                                                | 0            | .1             |                |                                                  |                                                  | į                                                | i i                                              |             | ļ            | 208          |              | 115          |         |
| 66/ 65           | . 3        |              |       | • 3        | • 1        | . 1 | • 0    | • 1                                              |              |                | •0             |                                                  |                                                  | i                                                |                                                  |             |              | 219          | <del></del>  | 204          | 15      |
| 64/ 63           | . 4        |              | 1.9   | . 6        | اما        | . 2 | • 2    | • 2                                              |              | .1             | . 1            |                                                  |                                                  | ]                                                | ! i                                              |             |              | 242          | 242          | 201          | 20      |
| 52/ 61           | . 1        | 3.1          | 1.8   | . 5        |            | . 2 | • 4    |                                                  | • 1          | . 1            |                |                                                  |                                                  | <u> </u>                                         | i                                                |             |              | 214          | 214          | 136          | 17      |
| 50/ 59           | . 4        | 3.3          | 1.8   | 8          | 0          | 6   | 7      |                                                  | .1           | Ì              |                |                                                  |                                                  |                                                  |                                                  |             | <u></u>      | 275          |              | 202          | 17      |
| 38/ 57           | • 2        | 2.3          | 2.0   | • ö        |            | . 6 | • 5    | .5                                               | • 1          |                |                |                                                  |                                                  |                                                  |                                                  |             |              | 262          | 262          | 200          | 16      |
| 6/ 55            | • 2        |              | 1.6   | 9          | 1.0        | 1.0 | • 5    |                                                  | i            | <u> </u>       | j              |                                                  |                                                  | <u> </u>                                         |                                                  |             |              | 246          |              | 156          |         |
| 4/ 53            | • 2        |              | 1.8   | 1.0        |            | • 7 |        |                                                  |              | İ              | İ              | i                                                |                                                  | 1                                                | 1                                                |             | 1            | 215          |              |              |         |
| 2/ 51            | . 2        |              | 1.3   |            | 1.3        | • 6 | • 2    | .0                                               |              | <u></u> _      |                |                                                  |                                                  |                                                  | <u> </u>                                         |             |              | 192          | 192          | 173          |         |
| 0/ 49            | • 2        | 1            |       | 1.5        | 1.0        | • 7 | • 1    |                                                  |              |                |                |                                                  |                                                  | i                                                | 1                                                |             |              | 201          | 201          | 208          |         |
| 8/ 47            | • 3,       | 1.2          |       | 1.3        | .9         | . 3 | .0     |                                                  |              | <u> </u>       |                |                                                  |                                                  |                                                  | <u> </u>                                         |             |              | 161          | 161          | 206          |         |
| 6/ 45            | • 2        |              | 1.0   | 3          |            | • 2 | 1      | !                                                |              |                |                |                                                  |                                                  |                                                  |                                                  |             |              | 154          |              |              |         |
| 4/ 43            | <u>• 1</u> | .3           |       | . 8        |            | . 3 | •0     | لــــــا                                         |              |                |                |                                                  | <u> </u>                                         | <u> </u>                                         | <u> </u>                                         |             | ļ            | 94           |              | 199          |         |
| 2/ 41            | . 2        | • 6          | l .1  | 1.3        |            |     |        | ]                                                | ĺ            |                |                |                                                  |                                                  |                                                  |                                                  |             |              | 120          |              |              |         |
| 0/ 39            | <u>•</u>   |              |       | <u>• Ó</u> |            | 1   |        |                                                  |              | ļ              |                |                                                  |                                                  | <u> </u>                                         | ļ                                                |             |              | 25           |              |              |         |
| 8/ 37            | • 1        |              | • 5   | • 5        |            | • 1 |        |                                                  |              |                | l              | ļ                                                |                                                  | 1                                                |                                                  |             |              | 55           |              |              |         |
| 36/ 35           | <u>• 2</u> |              |       | • 2        |            |     |        |                                                  | <del> </del> | <del> </del> - | <b>-</b>       |                                                  |                                                  | <b></b>                                          | ├— -                                             |             | <u> </u>     | 33           | ,            |              |         |
| 34/ 33<br>32/ 31 | • 1        |              |       | • 2        | •1         |     |        |                                                  |              |                |                | !                                                |                                                  | ļ                                                | l .                                              |             |              | 30           | 1 7          |              | 1       |
| 32/ 31<br>30/ 29 |            | 1            | • 2   | • 1        | <b> </b> - |     |        | <del>                                     </del> |              | ├              |                |                                                  | <b></b>                                          | <del> </del>                                     | <del></del>                                      |             | <del> </del> | 119          | <del> </del> | 46           |         |
| 8/ 27            |            | 1 .1         | .0    | •2         |            |     |        |                                                  |              |                | ŀ              |                                                  | ļ                                                |                                                  | !                                                |             |              | 11           |              |              |         |
| 26/ 25           |            | • -          | • 6   | • 0        | -          |     |        |                                                  | ├──          | ├              | <del> </del> - |                                                  | ├                                                | <del>                                     </del> | <del>                                     </del> |             | <del> </del> | 1            | <del> </del> | 13           |         |
| 4/ 23            |            |              | • •   |            |            |     |        |                                                  | 1            |                |                | •                                                | 1                                                |                                                  | į                                                |             |              | 1 '          | ٠,           | 1 4          |         |
| 2/ 21            |            | <u> </u>     | -     |            |            |     |        | <del></del>                                      |              |                | <del> </del>   | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     |             | <del> </del> | <del> </del> | <del> </del> | 2            |         |
| 0/ 19            |            |              |       |            |            |     |        |                                                  |              | 1              | 1              |                                                  |                                                  |                                                  |                                                  |             | 1            |              | i            | ٦ '          |         |
| 8/ 17            |            | <del> </del> |       |            |            |     |        |                                                  |              | <del> </del> - |                |                                                  |                                                  | <del>                                     </del> | <del> </del>                                     |             | <del> </del> | +            | <del> </del> | <del> </del> | 2       |
| 6/ 15            |            |              | ]     | '          | !          |     | 1      |                                                  | 1            |                | 1              |                                                  |                                                  | 1                                                | 1                                                | 1           | ĺ            |              |              | Ì            | j       |
| 4/ 13            |            |              |       |            |            |     |        | <del>                                     </del> |              |                |                | <del></del>                                      |                                                  |                                                  | T                                                |             | † <b></b> -  |              | 1            | † <i></i>    |         |
| 2/ 11            |            |              |       |            |            |     |        |                                                  |              |                | İ              |                                                  |                                                  | ĺ                                                |                                                  |             |              |              |              | 1            | l ī     |
| 10/ 9            |            |              |       |            | <b> </b>   |     | i      |                                                  | i            | 1              | T              | Γ                                                |                                                  | $T^{-}$                                          |                                                  | <del></del> | 1            |              | 1            | 1            | T       |
| 8/ 7             |            |              | i     |            | Í          |     | i      | i                                                | i            |                | L              | Ĺ                                                | <u> </u>                                         | <u>i</u>                                         | L                                                |             |              | <u> </u>     |              | Ĺ            | L       |
| lement (X)       |            | Σχ²          |       |            | Σχ         |     | X      | <b>₹</b>                                         |              | No. O          | · ·            |                                                  |                                                  |                                                  | Mean I                                           | No. of H    | ours wi      | h Tempera    | ture         |              |         |
| Rel. Hum.        |            |              |       |            |            |     |        |                                                  |              |                |                | ⊴ 0                                              | F                                                | ≤ 32 F                                           | ≥ 67                                             | F           | 73 F         | > 80 F       | ≥ 93         | F            | Total   |
| Dry Bulb         |            |              |       |            |            |     |        |                                                  |              |                |                |                                                  |                                                  |                                                  |                                                  |             |              |              |              |              |         |
| Wot Bulb         |            |              |       |            |            |     |        |                                                  |              |                |                |                                                  |                                                  |                                                  |                                                  |             |              |              |              |              |         |
| Daw Point        |            |              |       |            |            |     |        | L                                                |              |                | I              |                                                  |                                                  |                                                  | 1                                                |             |              |              |              |              |         |

USAFETAC JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION | RA  | NDOL            | PH A         | FB T                                             | EXAS                                             | /SAN     | ANT          | оито    |          | <u> 39-</u>  | 45,4         | 7-71     | •73          | -75<br>YE                                        | ARS      |          |                                                  |              |          |                 | ATH TH                                           |
|-----------------|-----|-----------------|--------------|--------------------------------------------------|--------------------------------------------------|----------|--------------|---------|----------|--------------|--------------|----------|--------------|--------------------------------------------------|----------|----------|--------------------------------------------------|--------------|----------|-----------------|--------------------------------------------------|
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              |          |              |                                                  |          |          |                                                  | PAG          | Ë 2      | OCUO<br>HOURS ( | -\)20(<br>L. s. t.)                              |
| Temp.           |     |                 |              |                                                  |                                                  |          | BULB 1       |         |          |              |              |          |              |                                                  |          |          |                                                  | TOTAL        |          | TOTAL.          |                                                  |
| (F)             | 0   | 1 - 2           | 3 - 4        | 5 - 6                                            | 7 - 8                                            | 9 - 10   | 11 - 12      | 13 - 14 | 15 - 16  | 17 - 18      | 19 - 20      | 21 - 22  | 23 - 2       | 24 25 - 26                                       | 27 - 28  | 29 - 30  | ≥ 31                                             | D.B./W.B.    | Dry Rulb |                 |                                                  |
| STAL            | 3.6 | 31.6            | 27.9         | 14.8                                             | 10.3                                             | 6.4      | 3.1          | 1.3     | • 5      | • 4          | • 1          |          |              |                                                  |          |          |                                                  | 3242         | 3243     | 3243            | 324                                              |
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              |          |              |                                                  |          |          |                                                  |              |          |                 |                                                  |
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              |          |              |                                                  |          |          |                                                  |              |          |                 |                                                  |
|                 |     |                 |              |                                                  |                                                  |          |              | _       |          |              |              | <u> </u> |              | -                                                |          |          |                                                  |              |          |                 |                                                  |
|                 |     |                 | <u> </u>     |                                                  |                                                  |          |              |         |          |              |              | _        | -            | -                                                |          |          |                                                  | <u> </u>     |          |                 |                                                  |
|                 |     |                 | <del> </del> |                                                  |                                                  |          |              |         |          |              |              |          | <b> </b>     | -                                                |          |          | <u> </u>                                         |              |          |                 |                                                  |
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              |          |              |                                                  |          |          |                                                  |              |          |                 |                                                  |
|                 |     |                 |              |                                                  |                                                  |          | <u> </u>     |         |          |              |              |          |              |                                                  |          |          |                                                  |              |          |                 |                                                  |
|                 |     |                 |              | i                                                |                                                  |          |              |         |          |              |              |          |              |                                                  |          |          |                                                  |              |          |                 |                                                  |
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              |          |              |                                                  |          |          |                                                  |              |          | <del>-</del>    |                                                  |
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              | -        | <del> </del> | <b>-</b>                                         |          |          | <del>                                     </del> |              |          |                 |                                                  |
|                 |     |                 |              |                                                  | <br>                                             |          |              | -       | ļ        | <del> </del> | <u></u>      |          | <del> </del> | <del>                                     </del> |          |          | ļ                                                |              |          |                 |                                                  |
|                 |     |                 | ļ            |                                                  |                                                  |          |              | _       |          | ļ            | <del> </del> | ļ        | ├            | -                                                |          |          |                                                  | <del> </del> |          |                 |                                                  |
|                 |     |                 | ļ            |                                                  |                                                  |          |              |         | ļ        |              | <u> </u>     | ļ        |              |                                                  |          |          | <u> </u>                                         |              |          |                 |                                                  |
|                 |     | ]<br>           | <u> </u>     |                                                  |                                                  |          |              | _       |          |              |              |          |              |                                                  | <u> </u> |          |                                                  |              |          |                 |                                                  |
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              |          |              | ļ                                                |          |          |                                                  |              |          |                 |                                                  |
|                 |     |                 |              |                                                  |                                                  |          |              |         |          |              |              |          |              |                                                  |          |          |                                                  |              |          |                 | Γ                                                |
|                 |     | <del> </del>    | 1-           | <del>                                     </del> | <del>                                     </del> |          |              |         |          |              | _            |          |              | <del>                                     </del> |          |          | <del>                                     </del> | <del> </del> |          |                 | <del>                                     </del> |
|                 |     | -               | <del> </del> | <del> </del>                                     | <del> </del>                                     |          | <del> </del> |         |          |              | _            |          | -            | -                                                |          |          |                                                  | 1            | -        |                 | <del> </del>                                     |
| lement (X)      |     | ΣX <sup>2</sup> | <u></u>      |                                                  | z <sub>x</sub>                                   | <u> </u> | <u> </u>     |         | <u> </u> | No. O        | bs.          |          |              |                                                  | Mean N   | io. of H | ours wit                                         | h Tempera    | iur•     | 1               | <u> </u>                                         |
| Rel. Hum.       |     | 1903            | 37505        |                                                  | 2411                                             | 23       | 74.4         | 18.4    | 57       | 32           | 42           | ≴ 0      | F            | ≤ 32 F                                           | ≥ 67     | F        | 73 F                                             | ≥ 80 F       |          | F               | Total                                            |
| Dry Bulb        |     |                 | 73833        | T                                                | 1799                                             | 63       | 55.5         | 9.4     | 12       | 32           | 43           |          |              | .9                                               | 11       | . 8      | .1                                               |              |          | <u> </u>        | -                                                |
| Wet Bulb        |     |                 | 37282        |                                                  | 1659                                             | 50       | 51.2         | 10.3    | 21       |              | 43           |          |              | 3.1                                              |          | • 6      |                                                  | 1            |          |                 | ,<br>,                                           |
| w Point         |     |                 | 34313        |                                                  |                                                  |          | 46.7         |         |          |              | 43           |          |              | 15.9                                             |          | . 8      |                                                  | <del> </del> |          |                 |                                                  |

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

FORM JUN 71 € USAFETAC

## **PSYCHROMETRIC SUMMARY**

12911 PANDOLPH 4FB TEXAS/SAN ANTONIO 39-45,47-71,73-75 MAR STATION NAME YEARS MONTH

PACE 1 0300-0500

| Temp.               |            |       |          |            |            |          |              | EMPER       |              |                                                  |                 |              |          |                                                  |                                                  |                |                                                  | TOTAL         |            | TOTAL       |           |
|---------------------|------------|-------|----------|------------|------------|----------|--------------|-------------|--------------|--------------------------------------------------|-----------------|--------------|----------|--------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|---------------|------------|-------------|-----------|
| (F)                 | 0          | 1 - 2 | 3 - 4    | 5 - 6      | 7 - 8      | 9 - 10   | 11 - 12      | 13 - 14     | 15 - 16      | 17 - 18                                          | 19 - 20         | 21 - 22      | 23 - 24  | 25 - 26                                          | 27 - 28                                          | 29 - 30        | ≥ 31                                             | D.B./W.B.     | Dry Bulb   | Wet Bulb    | Dew Point |
| 74/ 73              |            |       | • 1      |            |            | 1        |              |             |              |                                                  |                 |              |          | Ì                                                |                                                  | ĺ              | ĺ                                                | 2             | 2          |             |           |
| 72/ 71              |            | • 2   | • 6      | • 1        |            |          |              | . 1         |              | 1                                                |                 |              |          | ļ                                                |                                                  |                | ļ                                                | 11            | 31         |             |           |
| 70/ 69              | • 3        | 1.4   | 1.9      |            | • 0        | • 0      |              |             | _            | .0                                               |                 |              |          |                                                  | Ì                                                |                |                                                  | 128           | 128        | 24          | 14        |
| 68/ 57              | • 4        | 2.9   |          | • 2        | • 1        |          |              | <u>. 1</u>  | .0           |                                                  | <u> </u>        |              |          | <u> </u>                                         |                                                  |                |                                                  | 190           | 190        | 113         |           |
| 66/ 65              | • 6        | 3.1   | 1.9      | • 1        | • 0        | • 0      |              | ,0          | • 1          |                                                  | •0              | \            |          |                                                  | 1                                                |                | 1                                                | 192           | 192        | 205         | 147       |
| 64/ 63              | . 4        |       | 1.7      |            | • 2        | • 0      | <u>• †</u>   | • 1         |              | <u> </u>                                         | <b> </b>        | ļ            |          | <u> </u>                                         | <b>!</b>                                         | ļ              |                                                  | 207           | 2^7        | <u>1 30</u> |           |
| 62/ 61              | . 3        | 3.4   | 1.0      |            | • 3        | • 1      | • 1          | • 1         | • 0          |                                                  | i               |              |          |                                                  |                                                  | 1              | 1                                                | 185           | 195        | 182         | 1.62      |
| 60/ 59<br>58/ 57    | • 6        |       | .9       |            | - 3        | • 2      | • 2          | • 2         |              |                                                  |                 |              |          |                                                  |                                                  | <del></del>    | <del> </del>                                     | 233           | 223        | 190         |           |
| 58/ 57<br>56/ 55    | • 6        | 3.0   |          | • 5<br>• 5 | • 6<br>• 5 | • 6      | •3           | .3          |              | • 1                                              |                 |              |          | i                                                |                                                  | l              |                                                  | 227           | 227<br>211 | 160<br>170  |           |
| 54/ 53              | • 6<br>• 5 |       |          |            |            | • 6      |              |             | • 1          | •0                                               |                 |              |          | <del> </del>                                     | <del> </del> -                                   |                | <del> </del>                                     | 192           | 192        | 152         |           |
| 52/ 51              | .6         |       | 1.2      |            | •6         | .7       | • 4          |             |              | ۰,۰                                              | 1               |              |          | İ                                                |                                                  |                |                                                  | 194           | 196        | 157         | 126       |
| 50/ 49              | : 3        | 1.3   |          |            | 1.1        | .4       | • 1          | •1          |              | <del> </del>                                     |                 | <del> </del> |          | ├                                                | <del>                                     </del> | <del>i</del> - | $\vdash$                                         | 217           | 217        | 171         | 143       |
| 48/ 47              | 2          | 1.9   |          |            | 4          | . 2      | î            | • •         |              |                                                  |                 |              |          |                                                  |                                                  |                |                                                  | 187           | 197        | 154         | 124       |
| 46/ 45              | , 2        | 1.9   | 1.3      |            | 1.0        | .2       |              |             |              |                                                  |                 |              |          | ┼──                                              | <del> -</del>                                    |                | <del> </del> -                                   | 190           | 190        | 224         | 121       |
| 44/ 43              | . 1        | 1.4   |          |            | • 4        | .1       | į            |             |              |                                                  |                 |              |          | ]                                                |                                                  |                |                                                  | 150           | 150        | 241         | 127       |
| 42/ 41              | . 4        | . 9   | 1.1      | 1.4        | • 3        |          |              |             |              | <del>                                     </del> |                 |              |          | <del>                                     </del> | † —                                              |                | <del>                                     </del> | 139           | 139        | 204         |           |
| 40/ 39              | .0         |       |          |            | .5         | .1       |              |             |              |                                                  | 1               | 1            |          | 1                                                | 1                                                |                | 1                                                | 104           | 108        | 148         |           |
| 38/ 37              |            | . 5   | .9       |            | • 3        |          |              |             |              |                                                  |                 |              |          | 1                                                | 1                                                | 1              |                                                  | 80            | 80         | 152         | 133       |
| 36/ 35              | . 1        | 1.0   | . 8      |            |            |          |              |             |              |                                                  |                 | 1            |          | ļ                                                | ļ                                                |                |                                                  | 76            | 76         | 124         | 144       |
| 34/ 33              | • 1        | • 3   |          |            |            |          |              |             |              |                                                  |                 |              |          |                                                  |                                                  |                | T                                                | 32            | 32         | 90          | 138       |
| 32/ 31              | • 0        | .5    |          | • 2        | . 1        |          |              | L           | <u> </u>     |                                                  |                 |              |          |                                                  | ļ                                                | [              | <u> </u>                                         | 34            | 34         | 74          | 144       |
| 30/ 29              |            | • 1   | • 3      | • 1        | •0         |          |              |             |              |                                                  |                 |              |          |                                                  | Ì                                                |                |                                                  | 1.5           | 15         | 37          | 136       |
| 28/ 27              |            | .1    | . 1      |            |            |          |              |             |              |                                                  | <u> </u>        |              |          | <u> </u>                                         | <u> </u>                                         |                |                                                  |               | 6          | 23          |           |
| 26/ 25              |            | •1    | •1       |            |            |          |              | 1           |              |                                                  |                 |              |          |                                                  | j                                                |                | 1                                                | 6             | 6          | 15          |           |
| 24/ 23              |            | •0    | • 2      |            |            |          | <u> </u>     | ļ           |              | <u> </u>                                         |                 | <u> </u>     |          |                                                  | <u> </u>                                         | <u></u>        | <u> </u>                                         |               | 7          | 17          |           |
| 22/ 21              |            |       |          | ł          |            |          | :            | !           |              | 1                                                |                 | Ì            |          |                                                  | l                                                | i              | 1                                                |               |            | '7          | 46        |
| 20/ 19              |            |       |          | ļ          |            |          |              | ·           | <u> </u>     | <u> </u>                                         | <u> </u>        | ļ            | <u> </u> | <u> </u>                                         | <u> </u>                                         |                | <u> </u>                                         |               |            | 3           | 23        |
| 18/ 17              |            |       |          |            |            |          |              | 1           |              |                                                  |                 |              |          | İ                                                |                                                  | Ì              |                                                  |               |            |             | 31        |
| 16/ 15              |            |       | ļ        | <u>'</u>   |            |          |              | ļ           | ļ —          | ļ                                                | <u> </u>        |              |          | <del> </del>                                     | <del> </del>                                     |                | ļ                                                | <b>├</b> ──   |            |             | 18        |
| 14/ 13              |            |       |          |            |            |          |              |             |              |                                                  |                 |              |          | ]                                                |                                                  |                |                                                  |               |            |             | 13        |
| 12/ 11              |            |       | <u> </u> |            |            | <b> </b> |              | <u> </u>    |              | <del> </del> -                                   | <u> </u>        |              |          | <b>↓</b>                                         | <b>├</b> -                                       |                | <b>├</b> ─                                       | <del>  </del> |            |             | 12        |
| 10/ 9               |            |       | 1        | 1          |            |          |              |             | ļ            |                                                  |                 |              |          |                                                  |                                                  |                | 1                                                |               |            |             | 5         |
| 8/ 7<br>Element (X) |            | Σχ²   | L        | ├          | 7. 11      | ┸        | <del>-</del> | -           | <del></del>  | No. O                                            | <u></u>         |              | <u></u>  | Ь                                                | Man-                                             | No. al 4       |                                                  | h Temperat    |            | L           | ]3        |
| Rel, Hym.           |            | - X-  |          |            | z x        | $\dashv$ | X            | · ×         |              | No. U                                            | <del>"·</del> – | ± 0 !        | - 1      | ≤ 32 F                                           | Mean<br>≥ 67                                     |                | 73 F                                             | ≥ 80 F        | 2 93 1     | =           | Total     |
| Dry Buib            |            |       |          | <u></u>    |            |          |              | <del></del> | <del> </del> |                                                  |                 | 20           |          | 2 J2 F                                           |                                                  | ·              | - /3 F                                           | - 80 F        | 731        |             | 10101     |
| Wat Bulb            |            |       |          | -          |            |          |              |             |              |                                                  |                 | — —          |          |                                                  | <del>                                     </del> |                |                                                  | <del> </del>  |            |             |           |
| Dew Paint           |            |       |          | <u> </u>   |            | $\dashv$ |              | -           |              |                                                  |                 |              | +        |                                                  | <del> </del> -                                   |                |                                                  | <del> </del>  |            |             |           |
| 244 (610)           |            |       |          | :          |            |          |              | <u></u>     |              |                                                  |                 |              |          |                                                  | <u></u>                                          |                |                                                  |               |            |             |           |

USAFETAC FORM 19-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

RANDOLPH AFE TEXAS/SAN ANTONIO 39-45,47-71,73-75 PAGE 2

0300-0500 HOURS (L. S. T.)

| Tamp.       |       |                |                                                  |                                                  |              |                                                  | BULB '                                            |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              | TOTAL                                            |                                                  | TOTAL                                            |              |
|-------------|-------|----------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|---------------------------------------------------|--------------|-------------|--------------|------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|---------|--------------------------------------------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|
| (F)         | 0     | 1 - 2          | 3 - 4                                            | 5 - 6                                            | 7 - 8        | 9 - 10                                           | 11 - 12                                           | 13 - 14      | 15 - 16     | 17 - 18      | 19 - 20                                        | 21 - 22                                          | 23 - 24        | 25 - 26                                          | 27 - 28 | 29 - 30                                          | ≥ 31         | D.B./W.B.                                        | Dry Bulb                                         | We+ Bulb                                         |              |
| 6/ 5        |       |                |                                                  |                                                  |              |                                                  |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              |                                                  |                                                  |                                                  | 1            |
| 4/ 3        |       |                |                                                  |                                                  | <u> </u>     |                                                  |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              |                                                  |                                                  | <u></u>                                          | <u> </u>     |
| 2/ 1        |       |                |                                                  |                                                  | i            |                                                  |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              |                                                  | _                                                |                                                  |              |
| 0/ -1       |       |                | <b>!</b>                                         |                                                  | l            |                                                  |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              |                                                  |                                                  | <u> </u>                                         |              |
| DTAL        | 6.5   | 38.6           | 26.7                                             | 12.4                                             | 7.8          | 3.9                                              | 2.1                                               | 1.2          | • 5         | . 3          | •0                                             |                                                  |                |                                                  |         |                                                  |              |                                                  | 3241                                             |                                                  | 3241         |
|             |       |                | <u> </u>                                         | l                                                |              |                                                  |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              | 3241                                             |                                                  | 3241                                             |              |
|             |       |                |                                                  | T                                                |              | i                                                | Ī                                                 | ĺ            |             |              |                                                | i                                                | i              | 1                                                |         |                                                  |              |                                                  | I                                                |                                                  |              |
|             |       | L              | J                                                |                                                  |              |                                                  |                                                   |              | l           |              |                                                |                                                  | i              |                                                  |         | <u> </u>                                         |              |                                                  | İ                                                | L                                                | ļ            |
|             |       |                | i -                                              |                                                  | i            | ·                                                |                                                   |              |             |              |                                                | į                                                |                |                                                  |         |                                                  | i            |                                                  |                                                  |                                                  |              |
|             |       | _              | l                                                | ļ                                                |              |                                                  | <b>!</b>                                          | l            |             |              |                                                |                                                  |                |                                                  |         |                                                  |              | ļ                                                |                                                  | İ                                                | ļ            |
|             |       |                |                                                  |                                                  |              |                                                  |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              |                                                  |                                                  |                                                  |              |
|             |       | ĺ              |                                                  |                                                  |              | ]                                                | l                                                 | }            |             |              |                                                |                                                  |                |                                                  |         | î                                                | l            | ļ                                                |                                                  | 1                                                | 1            |
|             |       |                |                                                  |                                                  |              |                                                  |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  | i            |                                                  |                                                  |                                                  |              |
|             |       | l              | 1                                                |                                                  | j            |                                                  | 1                                                 | ļ            |             |              |                                                |                                                  |                | 1                                                |         | ļ                                                |              |                                                  |                                                  | İ                                                | i            |
|             |       |                |                                                  | <del> </del>                                     | 1            |                                                  |                                                   | i — —        |             |              |                                                |                                                  |                |                                                  |         | i —                                              |              |                                                  | T                                                |                                                  |              |
| İ           |       | 1              | ł                                                |                                                  |              |                                                  |                                                   |              |             | 1            |                                                |                                                  |                |                                                  |         | l                                                | l            | ļ                                                | ļ                                                |                                                  | ļ            |
|             |       | ļ —            |                                                  | 1                                                |              |                                                  | i                                                 |              |             |              |                                                |                                                  |                | i                                                |         |                                                  |              |                                                  |                                                  | 1                                                | 1            |
| 1           |       | 1              |                                                  |                                                  | ļ            | i                                                |                                                   |              | ]           |              |                                                | 1                                                | ĺ              |                                                  |         |                                                  | l            | 1                                                | 1                                                | l                                                |              |
|             |       |                | <del>                                     </del> | 1                                                |              |                                                  | <u> </u>                                          |              |             | <del> </del> |                                                |                                                  |                |                                                  |         | <del>                                     </del> | <del></del>  | <del>                                     </del> | t                                                | <del>                                     </del> |              |
|             |       | 1              | İ                                                | 1                                                | 1            |                                                  |                                                   | 1            |             |              |                                                | Į .                                              |                | İ                                                |         |                                                  |              | 1                                                | ļ                                                | ļ                                                | ļ            |
|             |       | _              | <del> </del>                                     | <del> </del>                                     |              | <del>                                     </del> | <del></del>                                       | <u> </u>     |             | <del> </del> |                                                | <del> </del>                                     |                | <del>                                     </del> |         | i                                                |              | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del> </del> |
|             |       |                | ļ                                                | 1                                                |              | l                                                |                                                   |              |             |              |                                                |                                                  |                |                                                  |         |                                                  |              |                                                  |                                                  | İ                                                |              |
|             |       | <del> </del> - | <del> </del>                                     | 1                                                |              | i                                                | <del>                                      </del> |              |             | <del> </del> |                                                | <b></b>                                          | <del> </del>   | 1                                                |         | <b></b> -                                        | <u> </u>     | <del>                                     </del> |                                                  |                                                  | <del> </del> |
| -           |       |                | 1                                                | 1                                                | l            |                                                  | ł                                                 | i            | ŀ           |              |                                                |                                                  | ]              | 1                                                |         |                                                  | ļ            |                                                  |                                                  | 1                                                |              |
|             |       |                | <del>                                     </del> |                                                  | <del> </del> | <del>                                     </del> |                                                   |              |             | <del></del>  |                                                |                                                  |                | <del> </del> -                                   |         |                                                  |              |                                                  | <del>                                     </del> | <del> </del>                                     | <del> </del> |
|             |       |                | 1                                                | 1                                                |              |                                                  | 1                                                 |              | •           | İ            |                                                | l                                                |                |                                                  |         |                                                  | Į            |                                                  | 1                                                | 1                                                |              |
|             | -     | <del> </del> - | <del> </del>                                     | <del> </del>                                     | $\vdash$     | <del> </del>                                     | <del>                                     </del>  |              |             | <del> </del> |                                                |                                                  |                | <del> </del>                                     |         | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del>                                     | <del></del>                                      |              |
| i           |       |                |                                                  | 1                                                |              | 1                                                |                                                   |              |             | Ì            |                                                |                                                  | ļ              | İ                                                |         |                                                  | }            |                                                  |                                                  |                                                  | l            |
|             |       | <del> </del>   | <del> </del>                                     | <del> </del>                                     | <del> </del> | <del> </del>                                     |                                                   | <del> </del> |             | <del> </del> |                                                | <del>                                     </del> | <del> </del>   | <del> </del>                                     |         | <del> </del>                                     | <del> </del> | <del></del>                                      |                                                  | <del> </del>                                     |              |
|             |       | 1              | ì                                                | İ                                                |              | -                                                | ì                                                 | 1            |             | i            | ŀ                                              | ĺ                                                |                | ł                                                |         | 1                                                |              | l                                                | 1                                                | 1                                                | 1            |
|             |       | <del> </del>   | <del> </del>                                     | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del>                                      | <del> </del> |             | <del> </del> |                                                | <del> </del>                                     | <del> </del>   | <del> </del>                                     |         | <del></del>                                      |              | <del> </del>                                     |                                                  | <del> </del>                                     | <del> </del> |
| 1           |       |                | 1                                                | ļ                                                |              |                                                  |                                                   | i            |             |              | 1                                              |                                                  |                |                                                  |         | 1                                                |              |                                                  | l                                                |                                                  | 1            |
|             |       | <del> </del>   | <del> </del>                                     | <del>                                     </del> |              | <del> </del> -                                   | <del> </del> -                                    | <del> </del> | ├─          | <del> </del> |                                                | -                                                | <del> </del>   | <del> </del>                                     |         | <del> </del>                                     |              | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del> |
|             |       |                |                                                  |                                                  | 1            |                                                  |                                                   | 1            |             |              |                                                |                                                  | 1              | l                                                |         |                                                  | ļ            |                                                  |                                                  |                                                  |              |
| Element (X) |       | ZX2            | <del></del>                                      | <del> </del>                                     | ZX           | <del>'</del>                                     | X                                                 | •,           | <del></del> | No. OI       | <u>.                                      </u> | L                                                | L              | <u> </u>                                         | Meac I  | No. of H                                         | OUES Wit     | h Tempera                                        | ture                                             | 1                                                | <u> </u>     |
| Rel. Hum.   |       | 2049           | 5595                                             |                                                  | 2509         | 57                                               | 77.4                                              | 18.1         | 17          |              | 41                                             | ≤ 0                                              | E              | ≤ 32 F                                           | ± 67    |                                                  | 73 F         | > 80 F                                           | ≥ 93                                             | E I                                              | Total        |
| Dry Bulb    | _     | 045            | 55871                                            | 1                                                | 1738         | 47                                               | 53.6                                              | 10.1         | 습           | 32           | 41                                             | - 0                                              | <del>'</del> - | 2.0                                              |         | 1 -                                              | • 1          |                                                  |                                                  | <del></del>                                      | 9            |
| Wet Buib    |       |                | 3336                                             |                                                  | 1621         | 14                                               | 50.0                                              | 10.8         | 02          | 32           | 41                                             |                                                  |                | 4.9                                              |         | .9                                               | • 1          | <del> </del>                                     |                                                  | <del></del>                                      | 9            |
| Dew Point   |       |                | 0275                                             |                                                  | 1492         | 20                                               |                                                   | 13.9         |             |              | 41                                             |                                                  |                |                                                  |         |                                                  |              | ┼                                                |                                                  |                                                  | 9:           |
| DEM LOIUI   | ····· | 150            | 10212                                            | <u>′1</u>                                        | 2776         | . 47                                             | 40.0                                              | 12307        | 22          | 36           | 41                                             |                                                  | • 1            | 18.3                                             |         | • 4                                              |              | <u> </u>                                         |                                                  |                                                  |              |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-3 (OL A) FORM.

## **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO

3600-0800 HOURS (L. S. T.) PAGE 1

| Temp.       |     |       |       |       |       | WET    | BU'. B 7 | EMPER      | ATURE   | DEPRE                                            | SSION ( | F)          |         |                                                  |              |               |        | <del></del> | TOTAL    |          | TOTAL       |                                                  | 1 |
|-------------|-----|-------|-------|-------|-------|--------|----------|------------|---------|--------------------------------------------------|---------|-------------|---------|--------------------------------------------------|--------------|---------------|--------|-------------|----------|----------|-------------|--------------------------------------------------|---|
| (F)         | 0   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12  | 13 - 14    | 15 - 16 | 17 - 18                                          | 19 - 20 | 21 - 22     | 23 - 24 | 25 - 20                                          | 6 27 .       | 28 2          | 9 - 30 | ≥ 31        |          | Dry Bulb |             | Dew Point                                        | 1 |
| 78/ 77      |     |       | i 1   |       |       | •0     |          |            |         | 1                                                |         |             |         | 1                                                | 1            |               |        | i           | 1        | 1        |             | <del></del>                                      | 1 |
| 74/ 73      |     |       | .0    | • 0   |       | •      |          |            |         | , 0                                              | , 1     |             |         |                                                  |              | - 1           |        |             | 5        | 5        |             |                                                  | l |
| 72/ 71      |     | • 2   |       | • 1   |       |        |          |            |         |                                                  | 7-      |             |         | <b></b>                                          | ╁┈           |               |        | i           | 34       | 34       |             | <del>                                     </del> | 1 |
| 70/ 69      | • 2 | 1.2   | 2.0   |       |       | •0     |          |            | .0      | 1                                                |         |             |         |                                                  |              | 1             |        | ļ           | 115      | 115      | 25          | 12                                               | ł |
| 68/ 67      | • 4 | 2.9   | 2.4   | • 3   |       |        | • 1      |            | • 1     | <del></del>                                      |         |             |         | <del>                                     </del> | +            |               |        |             | 199      | 199      | 112         |                                                  | 1 |
| 66/ 65      | . 6 | 3.3   |       | . 2   |       | . 1    | .1       | • l        | . 1     |                                                  | .0      |             |         |                                                  |              |               |        |             | 209      | 209      | 191         |                                                  | 1 |
| 64/ 63      | . 6 | 3.2   |       | • 2   | • C   | •0     | • 1      | • 2        | • 0     |                                                  |         |             |         | <del> </del>                                     | -            |               |        | ·           | 187      | 120      | 217         |                                                  | ł |
| 62/ 61      | . 8 | 3.4   | 1.1   | • 4   |       | 2      |          | .1         | .1      | 1                                                |         |             |         |                                                  |              |               |        | ŀ           | 209      | 209      | 191         |                                                  | ۱ |
| 60/ 59      | • 6 | 3.0   |       | • 3   |       | . 2    | • ó      | • 2        | • 0     |                                                  | •0      | <del></del> |         | <del> </del> -                                   | +            |               |        | ·           | 200      | 201      | 169         |                                                  | 1 |
| 58/ 57      | . 8 | 2.7   |       | . 5   | . 4   | . 4    |          | • 2<br>• 3 | • 0     |                                                  | 1       |             |         |                                                  |              |               |        |             | 218      | 218      | 167         |                                                  | l |
| 56/ 55      | . 8 | 2.3   |       | • 7   | • 6   | .6     |          | • 2        |         | 1                                                |         | -           |         | <del> </del>                                     | +            |               |        |             | 213      | 214      | 166         |                                                  | 1 |
| 54/ 53      | . 7 | 1.9   |       | .7    | .7    | .5     | .6       | .0         | . 1     |                                                  | ]       |             |         |                                                  |              |               |        |             | 213      | 213      | 156         |                                                  | ı |
| 52/ 51      | . 5 | 1.7   | 1.3   | . 8   | • 7   | .6     |          |            | •0      |                                                  |         |             |         | <del>                                     </del> | +-           |               |        | i           | 190      | 190      | 160         |                                                  | ł |
| 50/ 49      | . 5 | 1.6   |       | 1.1   | 1.0   | . 4    |          | • 1        |         |                                                  |         | !           |         |                                                  | 1            |               |        |             | 195      | 195      | 165         |                                                  | ł |
| 48/ 47      | . 2 | 2.0   |       | 1.1   | • 8   | •6     |          | • 0        |         | <del>                                     </del> |         |             |         | <del>                                     </del> | 1            | $\neg$        |        | <u> </u>    | 191      | 191      | 190         |                                                  | 1 |
| 46/ 45      | . 2 | 1.8   |       | 1.1   | , 6   | . 4    | . 1      |            |         |                                                  |         |             |         | 1                                                | }            |               |        |             | 180      | 190      | 214         | 1                                                | l |
| 44/ 43      | • 3 | 1.8   | 1.5   | 1.2   | .4    | • 3    |          |            |         |                                                  |         |             |         | $\vdash$                                         | <del> </del> |               |        |             | 177      | 177      | 189         |                                                  | 1 |
| 42/ 41      | . 3 | . 9   | 1.1   | . 9   | . 2   | . 1    |          |            |         | i                                                |         |             |         |                                                  | 1            | - 1           |        |             | 114      | 114      | 210         |                                                  | l |
| 40/ 39      | . 1 | . 3   | 1.3   | . 8   | • 6   | .1     |          |            |         |                                                  |         |             |         |                                                  | 1            | _             |        |             | 116      | 116      | 160         |                                                  | 1 |
| 38/ 37      | • 1 | 1.0   |       | . 9   |       |        |          |            |         | 1                                                | !       |             |         |                                                  | Ì            | -             |        |             | 102      | 102      | 164         |                                                  | ı |
| 36/ 35      | • 0 | • 6   |       | • 3   | .1    |        |          |            |         | $\overline{}$                                    |         |             |         | 1                                                | 1            | _             |        |             | 64       | 64       | 125         |                                                  | ١ |
| 34/ 33      | . 1 | . 4   |       | . 3   |       |        |          |            |         |                                                  |         |             |         |                                                  |              |               |        |             | 3.0      | 38       | 90          |                                                  | l |
| 32/ 31      |     | • 4   | • 3   | • 2   |       |        |          |            |         | 1                                                |         |             |         |                                                  | $\top$       | _             |        |             | 27       | 27       | 73          |                                                  | 1 |
| 30/ 29      |     | . 1   | . 2   | • 2   |       |        |          |            |         | 1                                                |         |             |         | 1                                                | 1            |               |        |             | 16       | 16       | 43          |                                                  | l |
| 28/ 27      |     | • 1   | • 2   |       |       |        |          |            |         |                                                  |         |             |         | T                                                | 1            | _ -           |        |             | 9        | 9        |             |                                                  | 1 |
| 26/ 25      |     | • 0   |       | • 0   |       | - 1    |          |            |         | 1                                                |         |             |         |                                                  |              |               |        |             | 4        | 4        | 17          |                                                  | l |
| 24/ 23      |     | . 1   | • 1   | •0    |       |        |          |            |         | 1                                                |         |             |         |                                                  | $\top$       | $\neg$        |        |             | 8        | 8        | 9           | <del></del>                                      | 1 |
| 22/ 21      |     |       | . 1   | • 0   |       |        |          |            |         |                                                  |         |             |         | }                                                |              |               |        |             | 3        | 3        | я           |                                                  | I |
| 20/ 19      |     |       |       |       |       |        |          |            |         |                                                  |         |             |         |                                                  |              | $\neg \vdash$ |        |             |          |          | 3           |                                                  | i |
| 18/ 17      |     |       |       |       |       |        |          |            |         | ļ                                                |         |             |         | 1                                                |              |               |        |             |          |          | 3           | 30                                               | l |
| 16/ 15      |     |       |       |       |       |        |          |            |         | [                                                |         |             |         |                                                  | 1            |               |        |             |          |          |             | 16                                               | ١ |
| 14/ 13      |     |       |       |       |       |        |          |            |         | l                                                |         |             |         | 1                                                | 1            | ļ             |        |             |          |          |             | 15                                               | ۱ |
| 12/ 11      |     |       |       |       |       |        |          |            |         |                                                  |         |             |         | $I^-$                                            | 1            | _             |        |             |          |          |             | 18                                               | ١ |
| 10/ 9       |     |       |       |       |       |        |          |            |         |                                                  | L i     | !           |         |                                                  | 1            |               |        |             |          |          |             | 2                                                | ١ |
| Element (X) |     | Σχ²   |       |       | Σχ    |        | X        | <b>7</b> , | $\Box$  | No. Ob                                           | 8.      |             |         |                                                  | Me           | on No.        | of Ho  | ours with   | Temperat | ure      | <del></del> |                                                  | 1 |
| Rel. Hum.   |     |       |       |       |       |        |          |            |         |                                                  |         | ≤ 0 1       |         | ≤ 32 F                                           | 1            | 67 F          | 2      | 73 F        | ≥ 80 F   | ≥ 93 1   | -           | Total                                            | ١ |
| Dry Bulb    |     |       |       |       |       |        |          |            |         |                                                  |         |             |         |                                                  | 1            |               | $\top$ |             |          | 1        |             |                                                  | ۱ |
| Yet Bulb    |     |       |       |       |       |        |          |            |         |                                                  |         |             |         |                                                  |              |               |        |             |          | 1        |             |                                                  | 1 |
| Dew Point   |     |       |       |       |       |        |          |            |         |                                                  |         |             |         |                                                  |              |               | 1      |             |          |          |             |                                                  | ١ |
|             |     |       |       |       |       |        |          |            |         |                                                  |         |             |         |                                                  |              |               |        |             |          |          |             | ·                                                |   |

USAFETAC JUN 71 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12911 STATION

9477 54321

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

273 F 280 F 293 F

93

93

93

≥ 67 F

10.2

3.9

12911 RANDOLPH AFB TEXAS/SAN ANTONIG 39-45,47-71,73-75 MAR STATION STATION NAME MONTH PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 6/ 5 3 0/ -1 1 -2/ -3 TUTAL 8.037.326.112.6 6.9 4.6 2.6 1.1 3240 3237 3237 3237

No. Obs.

3237

3240 3237

3237

≤ 0 F

≤ 32 F

1.9

5.1

18.4

X x 77.318.498 53.610.219 49.910.997 45.914.084

250357

173616

161649

148644

20470463

9641492 8463731

7467688

M 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(

**(** 

£

3

ľ

FORM FORM

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

## **PSYCHROMETRIC SUMMARY**

IAR

| Temp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | STATION     |           |               |       | ST    | ATION NA   | ME             |        |              |               |              |               |                                       |               | YE       | ARS                                              |            |          |          |               | MON      | TH              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|---------------|-------|-------|------------|----------------|--------|--------------|---------------|--------------|---------------|---------------------------------------|---------------|----------|--------------------------------------------------|------------|----------|----------|---------------|----------|-----------------|
| CF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |           |               |       |       |            |                |        |              |               |              |               |                                       |               |          |                                                  |            |          | PAG      | El            | 0900-    | 1100<br>s. t.)  |
| (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-36 131 08-W-8. 0y But   Ver But   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State  | Temp.       |           |               |       |       |            | WET            | BULB 1 | TEMPER       | ATURE         | DEPRE        | SSION (       | F)                                    |               |          |                                                  |            | ì        | TOTAL    |               | TOTAL    |                 |
| SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0         | 1 - 2         | 3 - 4 | 5-6   | 7 - 8      |                |        |              |               |              |               |                                       | 23 - 24       | 25 - 26  | 27 - 28 2                                        | 9 - 30     | ≥ 31     |          | Ory Bull      | Wet Bulb | Dew Point       |
| 86/ 85 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |           |               |       |       |            |                |        |              |               |              |               |                                       |               |          |                                                  |            |          | 1        | 1             |          |                 |
| 82/ 81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           |               |       |       |            |                |        | <b></b> -    |               |              |               |                                       |               |          |                                                  | <u>• 이</u> |          |          | <del></del> ! |          |                 |
| 82 / 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           | ļ             | 1     | İ     |            |                |        | .0           | .0            |              | .0            |                                       | .0            |          | • 0                                              |            |          | 1 4      | 4             |          |                 |
| 80/ 79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           |               |       |       |            | • 0            | - i    |              |               |              |               |                                       |               |          |                                                  | T i        | i        | 10       | 10            |          |                 |
| Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Table   Tabl |             |           | _ j           | 1     | .0    | . 1        |                | . 5    | .1           |               | , 2          |               | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |               | • 1      |                                                  | }          |          |          |               | 1        |                 |
| 74/ 73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 78/ 77      |           |               |       | •0    | • 3        | • 5            | • 2    | :1           | .1            | .1           | .0            | •1                                    | • 1           |          |                                                  |            |          | 44       | 44            |          |                 |
| 72/ 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           |               |       | . 4   | . 8        |                | . 2    |              | .1            | , 1          | 1             | •0                                    | _             |          |                                                  |            |          | 82       | 72            |          |                 |
| Tole   Formation   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   Tole   To |             |           | ļ             | .6    |       |            | • 3            |        |              |               |              |               |                                       | • 1           |          |                                                  |            |          |          |               | 1        |                 |
| 68/ 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           | <del></del> + | 1.0   |       |            |                | 2      |              |               |              |               |                                       |               |          |                                                  |            |          |          |               | 11       |                 |
| 66/65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | - 1       | 1.0           |       |       |            | • 6            |        |              | • 4           |              |               | - 1                                   |               | ¦ !      |                                                  | į          | ļ        |          |               | નુ ગ     | 18              |
| 64/63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |           | 1.7           |       |       |            |                |        |              |               |              |               | 1                                     |               |          |                                                  |            |          |          |               | 203      | 83              |
| 62/ 61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | 1         |               |       |       | 5          | . 1            |        |              |               |              | • 1           |                                       |               | į        |                                                  | ļ          | ļ        |          |               |          | 171             |
| 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |           |               |       |       |            |                |        |              |               |              |               | ļ                                     |               | ļ        |                                                  |            |          |          |               |          | 201             |
| 58/ 57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           |               |       |       |            |                |        |              |               |              | <u> </u>      | ļ                                     |               | <b>,</b> |                                                  | - 1        |          |          |               | 228      | 231             |
| 56/ 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           |               |       |       |            |                |        |              |               |              |               |                                       |               |          |                                                  |            |          |          |               |          | 199<br>176      |
| 54/53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |           |               |       |       | - 1        |                |        | 1            | ١ .           | ••           |               |                                       |               |          |                                                  | 1          |          |          |               | 190      | 171             |
| 52/51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |           |               |       |       |            |                |        |              |               |              |               |                                       |               |          |                                                  |            |          |          |               | 228      | 143             |
| 50/ 49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 52/ 51      |           | 1             |       |       |            |                |        |              |               |              | <b>\</b>      | <b>i</b> i                            |               | 1        | 1                                                |            |          |          |               | 242      | 130             |
| 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | • 1       | .6            | • 5   | .9    | • 6        |                | . 3    | • 1          |               |              |               |                                       |               |          |                                                  |            |          |          |               | 225      | 136             |
| 44/ 43       •2       •3       •3       •5       •2         42/ 41       •3       •2       •3       •2       •0         40/ 39       •1       •2       •2       •3       •2       •0         36/ 37       •2       •2       •2       •1       •1         36/ 35       •1       •1       •2       •1       •1         34/ 33       •0       •0       •1       •0       •0         30/ 29       •1       •0       •0       •0       •0         28/ 27       •1       •0       •0       •0       •0         26/ 25       •1       •0       •0       •0       •0         26/ 25       •1       •0       •0       •0       •0         26/ 25       •1       •0       •0       •0       •0         26/ 25       •1       •0       •0       •0       •0         8el. Hum.       •2       •2       •0       •0       •0         Py Bulb       •0       •0       •0       •0       •0       •0       •0       •0       •0       •0       •0       •0       •0       •0       •0 <t< td=""><td>48/ 47</td><td></td><td>• 1</td><td>. 4</td><td>•7</td><td>• 7</td><td>• 6</td><td>. 2</td><td><u> </u></td><td></td><td></td><td></td><td></td><td></td><td><u> </u></td><td><u> </u></td><td></td><td>i</td><td>99</td><td></td><td>167</td><td>137</td></t<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 48/ 47      |           | • 1           | . 4   | •7    | • 7        | • 6            | . 2    | <u> </u>     |               |              |               |                                       |               | <u> </u> | <u> </u>                                         |            | i        | 99       |               | 167      | 137             |
| 42 / 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 46/ 45      | • 2       | • 5           | • 3   | • 6   | • 5        | • 4            | • 1    | .0           |               |              |               |                                       |               |          |                                                  | - 1        |          | 80       | 9.0           | 150      | 130             |
| 40/ 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | • 2       |               | _     |       |            | • 2            |        |              |               | <u> </u>     |               |                                       |               |          | <u> </u>                                         |            |          |          |               | 177      | 120             |
| 36/37 36/35 31 32/31 30/29 31 30/29 31 30/29 31 30/29 31 30/25 31 31 30/29 31 31 30/29 31 31 31 31 31 31 31 31 31 31 31 31 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |           |               |       |       |            |                | •0     | ļ            | 1             | l            | l             |                                       |               | (        |                                                  | - [        |          |          |               | 137      | 129             |
| 36/ 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40/ 39      | <u>•1</u> |               |       |       | • 2        |                |        | <u> </u>     |               |              |               |                                       |               |          | ! <u>-</u>                                       | [          |          |          |               | 108      | 114             |
| 34/ 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |           |               | • 2   |       | • 1        | • 1            |        | İ            | 1             | 1            |               |                                       |               |          |                                                  | - 1        |          |          |               | 79       | 127             |
| 32 / 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36/ 35      | • 1       | 1             |       |       | <u>-•∔</u> |                |        | <del> </del> | <b> </b>      | <u> </u>     | <del> </del>  |                                       |               | <u> </u> | <b>  </b>                                        |            |          |          |               | 67       | 137             |
| 30 / 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |           |               |       |       | • 1        | ٠.             |        |              |               | ł            |               |                                       |               |          |                                                  |            |          |          |               | 23       | 194             |
| 28 / 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |           | <u> </u>      |       |       |            | • 0            |        | ├            | <u> </u>      | <del> </del> | <del> </del>  |                                       |               |          | <del>  -</del>                                   |            |          |          |               | 15       | 100             |
| 26 / 25   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |           |               | ,     | • 4   | ام         |                |        |              | [             |              |               |                                       |               |          |                                                  |            |          |          |               | 14       | 109             |
| 24 / 23   e C     1   1     1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |           | $\vdash$      |       |       |            |                |        |              | <del> </del>  | <del> </del> | <del> </del>  |                                       |               |          | ├──- ┼-                                          |            |          |          |               | 6        | <u>82</u><br>66 |
| Element (X)   Z x   X   F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |           | ام            |       | • ' / |            |                |        |              | 1             |              | 1             |                                       | 1             |          |                                                  |            |          | 1 1      |               | 3        | 46              |
| Rel. Hum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |           | Zx2           |       |       | E x        | <del>- Т</del> | ¥      | ·.           |               | No. OI       | 33.           | <del></del>                           | <u> </u>      | L        | Mean No                                          | o of !io   | urs with | Temperat | ture          | <u></u>  | -70             |
| Dry Bulb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |           |               |       |       |            | _              |        | <del> </del> | $\neg \vdash$ |              |               | ≤ 0                                   | F             | ≤ 32 F   |                                                  |            |          |          |               | T        | otal            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <del></del> |           |               |       |       |            |                |        |              | $\neg \vdash$ |              |               |                                       | _             |          |                                                  | 1          |          |          |               |          |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Wet Bulb    |           |               |       |       |            | _              |        |              | _             |              | <del></del> ! |                                       | $\neg \vdash$ |          | <del>                                     </del> | $\neg$     |          |          | _             | _        |                 |
| Dew Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Dew Point   |           |               |       |       |            |                |        |              |               |              |               |                                       |               |          | <u> </u>                                         |            |          |          |               |          |                 |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RANDOLPH AFB TEXAS/SAN ANTONIU 39-45,47-71,73-75

USAFETAC

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€

0-26-3 (OL A)

FORM JUN 21

Dew Point

#### **PSYCHROMETRIC SUMMARY**

| STATION               | KA    | NDOI. | rn A  | 5<br>5                                           | EXAS                                             | AME          | ANT                                              | UNIU       |                  | 39-                                              | 4594                                           | 7-71    | ,73-    | 75<br>YE     | ARS     |          | ,                                                |                  |          | N°          | A St<br>NTH |
|-----------------------|-------|-------|-------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|------------|------------------|--------------------------------------------------|------------------------------------------------|---------|---------|--------------|---------|----------|--------------------------------------------------|------------------|----------|-------------|-------------|
|                       |       |       |       |                                                  |                                                  |              |                                                  |            |                  |                                                  |                                                |         |         |              |         |          |                                                  | PAC              | E 2      | U900        | -110        |
| Tamp.                 |       |       |       |                                                  |                                                  |              | BULB '                                           |            |                  |                                                  |                                                |         |         |              |         |          | •                                                | TOTAL            |          | TOTAL       |             |
| (F)                   | 0     | 1 - 2 | 3 - 4 | 5 - 6                                            | 7 - 8                                            | 9 - 10       | 11 - 12                                          | 13 - 14    | 15 - 16          | 17 - 18                                          | 19 - 20                                        | 21 - 22 | 23 - 24 | 25 - 26      | 27 - 28 | 29 - 30  | ≥ 31                                             | D.B./W.B.        | Dry Bulb | Wet Bulb    | Dew P       |
| 22/ 21                |       | • 1   |       |                                                  |                                                  | i            |                                                  |            |                  |                                                  |                                                |         |         |              |         |          | <u> </u>                                         | ?                | 2        | 4           |             |
| 20/ 19                |       |       |       |                                                  | <u> </u>                                         | <u> </u>     |                                                  |            |                  |                                                  |                                                |         |         |              |         |          |                                                  |                  |          | 1           | 2           |
| 18/ 17                |       |       |       | ł                                                | ł                                                | 1            |                                                  |            |                  | <b>i</b> '                                       |                                                |         |         |              |         |          |                                                  |                  |          |             | 2           |
| 16/ 15                |       |       |       | <u> </u>                                         | ļ                                                |              |                                                  |            |                  |                                                  |                                                |         |         |              |         |          | l                                                |                  |          |             | •           |
| 14/ 13                |       |       |       |                                                  |                                                  | l            |                                                  |            |                  | ] :                                              |                                                |         |         |              |         |          |                                                  |                  |          |             | 7           |
| 12/ 11                |       |       |       |                                                  |                                                  | <u> </u>     | <u> </u>                                         |            |                  |                                                  |                                                |         |         |              |         |          |                                                  |                  | I        |             | 1           |
| 10/ 9                 |       |       |       |                                                  |                                                  |              |                                                  |            |                  |                                                  |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
| 8/ 7                  |       |       |       | ļ                                                | <u> </u>                                         | <del></del>  | -                                                |            |                  | <u> </u>                                         |                                                |         |         |              |         |          | <u> </u>                                         |                  |          |             |             |
| 6/ 5<br>0/ <b>-</b> 1 |       |       |       | ĺ                                                |                                                  |              |                                                  |            |                  |                                                  |                                                |         |         |              |         |          |                                                  | [                |          |             |             |
| -2/ -3                |       | -     |       | <u> </u>                                         |                                                  | <del> </del> |                                                  |            |                  |                                                  |                                                |         |         | <u> </u>     |         |          |                                                  |                  |          |             |             |
| OTAL                  | 2 . R | 14.4  | 17.3  | 17.7                                             | 14 1                                             | 11 2         | 8.5                                              | <b>5</b> 5 | 2 6              | ١                                                | , ,                                            | . 6     | . 2     | ,            |         | ١        | ١.,                                              |                  | 3244     |             | 20          |
| DIAL                  | 2.00  | 1787  | 1100  | 1 101                                            | 1401                                             | 11100        | 0.7                                              | 202        | 3.5              | 2.4                                              | 1,4                                            | • 0     | • 4     | - 1          | • 0     | •0       | • 0                                              | 3244             | 3244     | 3244        | 32          |
|                       |       |       |       |                                                  |                                                  |              |                                                  |            |                  |                                                  |                                                |         |         |              |         |          |                                                  | 2244             |          | 2244        |             |
|                       |       |       |       | <del>                                     </del> |                                                  | <b></b>      |                                                  |            |                  |                                                  |                                                |         |         | <del> </del> |         |          | <del> </del>                                     | <del>  </del>    |          |             |             |
| 1                     |       |       |       | 1                                                |                                                  |              |                                                  |            |                  |                                                  |                                                |         |         |              |         | 1        |                                                  |                  |          |             |             |
| t                     |       |       |       |                                                  | <del> </del>                                     | l            | <del>                                     </del> |            |                  | $\vdash$                                         |                                                |         |         | <del> </del> |         |          | <del> </del>                                     | <del> </del>     |          |             |             |
|                       |       |       |       |                                                  |                                                  |              |                                                  |            |                  | İ                                                |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
|                       | -     |       |       |                                                  | <b> </b>                                         | <b></b>      | <del>                                     </del> |            |                  | <del>                                     </del> |                                                |         |         | -            |         |          | <del>                                     </del> | <del>  -  </del> |          |             |             |
| İ                     |       |       |       | !                                                |                                                  | l            |                                                  |            |                  | 1                                                |                                                |         |         |              |         |          |                                                  |                  | - 1      |             |             |
|                       |       |       |       | i — —                                            | <del>                                     </del> |              |                                                  |            |                  |                                                  |                                                |         |         |              |         |          | <del>                                     </del> |                  |          |             |             |
|                       |       |       |       |                                                  |                                                  | 1            | l i                                              |            |                  |                                                  |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
| Ī                     |       |       |       |                                                  |                                                  |              |                                                  |            |                  |                                                  |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
|                       |       |       |       |                                                  |                                                  | L            |                                                  |            |                  |                                                  |                                                |         |         |              |         |          | j                                                |                  |          |             |             |
| Ĭ                     |       |       |       |                                                  |                                                  |              |                                                  |            |                  |                                                  |                                                |         |         | i            |         |          |                                                  |                  |          |             |             |
| 1                     |       |       |       |                                                  |                                                  | <u> </u>     |                                                  |            |                  |                                                  |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
| Ì                     |       |       |       |                                                  |                                                  | 1            |                                                  |            |                  | ĺ                                                |                                                |         |         |              |         |          | 1                                                |                  |          |             |             |
|                       |       |       |       |                                                  |                                                  | 1            |                                                  |            |                  | <u> </u>                                         |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
|                       |       |       |       |                                                  |                                                  | ł            |                                                  |            |                  | 1                                                |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
|                       |       |       |       | <u> </u>                                         |                                                  | <u> </u>     |                                                  | <u></u>    |                  |                                                  |                                                |         |         |              |         |          |                                                  |                  |          |             |             |
|                       |       |       |       | 1                                                |                                                  |              | '                                                |            |                  | ·                                                |                                                |         |         |              |         |          |                                                  | 1 1              |          |             |             |
|                       |       |       | L     |                                                  |                                                  | <u> </u>     |                                                  |            |                  | <u> </u>                                         |                                                |         |         |              |         |          |                                                  | <u> </u>         |          |             |             |
|                       |       |       |       |                                                  | 1                                                |              |                                                  |            |                  | 1                                                |                                                | ĺ       |         |              |         |          |                                                  | j i              | ]        |             |             |
| Element (X)           |       | Σχ²   |       | <del> </del>                                     | z <sub>x</sub>                                   | ┸┯           | i X                                              | - F        | <del></del>      | No. Ob                                           | <u>.                                      </u> |         |         |              | Meso P  | la, of H | ours with                                        | Temperate        | ure      |             |             |
| Rel. Hum.             |       | 1479  | 1400  |                                                  | 2075                                             | 16           | 64.0                                             |            |                  | 32                                               |                                                | = 01    | F       | ≤ 32 F       | ≥ 67    |          | 73 F                                             | ≥ 80 F           | 2 93 F   | : 1         | Total       |
| Dry Bulb              |       | 1236  | 5542  |                                                  | 1977                                             |              | 61.0                                             |            |                  | 32                                               |                                                |         |         | • 4          |         | •0       | 9.3                                              |                  |          | <del></del> |             |
| Wet Bulb              |       | 972   | 3552  | <del></del>                                      | 1747                                             |              | 53.9                                             | 6 6        | <del>751</del> - |                                                  | 44                                             |         |         | 1.3          |         | • 7      | •0                                               |                  | +        | <del></del> |             |

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FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

#### **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 39-45,47-71,73-75 ΔΑΘ ΜΟΝΤΗ

STATION PAGE 1 1200-1400 HOURS (L. S. T.)

| Temp.       |            |          |       |          | _              |            | BULB 1   |          |          |          |          |          |         |          |         |            |          | TOTAL     | l           | TOTAL         |           |
|-------------|------------|----------|-------|----------|----------------|------------|----------|----------|----------|----------|----------|----------|---------|----------|---------|------------|----------|-----------|-------------|---------------|-----------|
| (F)         | 0          | 1 - 2    | 3 - 4 | 5 - 6    | 7 - 8          | 9 - 10     | 11 - 12  | 13 - 14  | 15 - 16  | 17 - 18  | 19 - 20  | 21 - 22  | 23 - 24 | 25 - 26  | 27 - 28 | 29 - 30    | ≥ 31     | D.B./W.B. | Dry Bulb    | Wet Bulb      | Dew Point |
| 96/ 95      |            |          |       |          |                |            |          |          |          |          |          |          |         | , 0      |         |            |          | 1         | 1           | i             |           |
| 94/ 93      | ł          |          |       |          | - 1            |            |          |          |          |          |          |          |         | .0       | l       |            | •0       | 2         | 2           | ļ             | †         |
| 92/ 91      | Ī          |          |       |          |                |            |          |          |          |          |          | •1       | • 1     | • 1      |         | <u>. ú</u> | • 1      | 13        | 13          |               |           |
| 90/ 89      | Į          |          | İ     |          | - 1            |            |          |          |          | .1       | . 2      | .1       | • 0     |          | ں .     | .0         | • 0      | 17        | 17          |               | i i       |
| 88/ 87      |            |          |       |          |                |            |          | •1       | • 1      | , 1      | • 2      | • 1      | • 1     | •0       | . 1     | •0         |          | 28        | 20          |               |           |
| 86/ 85      | ŀ          |          |       |          |                | • 0        | • 1      | . 1      | .2       | .2       | . 2      | .1       | • 1     | 1 . 1    | 1       | . 1        |          | 40        | 40          | •             |           |
| 84/ 83      |            |          |       |          |                | • 0        | • 2      | • 7      |          | . 3      | •4       | • 2      |         |          | • 1     | .1         |          | 36        | 36          |               |           |
| 82/81       |            |          |       |          |                | , 1        | .9       | 1.1      | .5       |          |          | • 2      | . 4     | 1 - 1    | .0      |            |          | 129       | 125         |               | !!        |
| 80/ 79      |            |          |       |          | . 2            | .7         | 1.0      | .7       | .6       | • 5      | . 2      | .4       | • 2     | • 3      | • 0     |            |          | 156       |             |               |           |
| 78/ 77      |            |          |       | . 1      | . 6            | 1.1        | 1.2      | . 8      |          | .4       |          |          |         |          |         |            |          | 202       | •           |               |           |
| 76/ 75      |            |          | • 0   | . 6      | 1.4            | 1.4        |          | .7       |          |          |          |          |         |          |         |            |          | 255       | 258         | 1             |           |
| 74/ 73      |            | .1       | .3    | 1.1      | 1.2            | 1.0        | .9       |          | .7       | .6       |          |          | 2       |          |         |            |          | 250       | 25.)        | 1             |           |
| 72/ 71      |            | • 2      | •7    | 1.1      | 1.2            | . 8        | • 6      | • 6      |          |          |          |          |         |          |         |            |          | 252       | 252         | 44            | 2         |
| 70/ 69      |            | .3       | 1.1   | 1.1      | 1.1            | 1.0        | .7       | . 9      |          |          | . 5      |          |         |          |         |            |          | 271       | 271         | 194           |           |
| 68/ 67      |            | • 5      | . 8   | . 8      | 1.2            | <b>•</b> 5 | • 9      | 1.0      | .9       | ,4       | .3       | • 1      |         |          |         |            |          | 241       | 241         | 248           | 72        |
| 66/ 65      | • 0        | • 4      | • 6   | 1.1      | • 6            | 1.0        | • 7      | •7       | .7       | .8       | . 2      | .1       |         | i        | i       |            |          | 224       | 224         | 292           | 144       |
| 64/ 63      | • 0        | • 5      | • 5   | - 8      | • 6            |            |          | .7       | .6       | .6       | .2       |          |         |          |         |            |          | 186       | 186         | 227           | 179       |
| 62/61       | • 1        | .6       |       | • 2      | • 3            | • 7        | • 6      | 7        | .8       | .4       | .0       |          |         |          |         |            |          | 154       | 154         | 250           |           |
| 60/ 59      | . 1        | . 4      | . 2   | • 3      | .5             | . 5        | • 6      | . 8      | ۰ó       | , 2      | .0       |          |         |          |         |            |          | 136       | 136         | 240           |           |
| 58/ 57      | • 1        | . 3      | • 2   | . 4      | .4             | • 3        | . 8      |          |          | .1       |          | L        |         |          |         |            | <u> </u> | 113       | 113         |               |           |
| 56/ 55      | . 1        | .3       |       | • 3      |                |            |          | • 5      | .3       |          | Ì        | ĺ        |         | 1 .      |         |            |          | 111       | 111         |               |           |
| 54/ 53      | • 2        |          |       | , 3      |                |            | • 2      | • 2      | .1       | <u> </u> |          |          |         |          |         |            | L        | 8 9       |             |               |           |
| 52/ 51      | . 1        | • 2      | • 2   | • 2      | • 2            | . 4        |          | • 1      |          | i        | İ        |          | l       |          |         |            |          | 59        | 59          |               |           |
| 50/ 49      | <u>.</u> 0 | .4       |       | . 2      | • 5            | • 3        | . 4      | . 1      | .0       |          |          |          |         | ļ        |         |            |          |           |             | <del></del> - |           |
| 48/ 47      |            | •3       | • 3   | • 2      | • 2            | • 2        | • 2      | ٠,٥      | 1        |          |          | 1        |         |          |         |            | l        | 45        |             |               |           |
| 46/ 45      | . 1        | . 2      |       | • 1      | • 2            | •1         | •0       |          | <u> </u> |          |          |          |         |          |         |            |          | 24        |             | <del></del>   |           |
| 44/ 43      | • 0        |          |       | • 2      | • 1            | • 1        |          |          | i        | Ì        | ļ        | 1        |         | 1        |         |            | ŀ        | 24        |             |               |           |
| 42/ 41      | 0          | • 2      | • 1   | • 2      | • 1            | .1         |          |          |          | L        |          | <u> </u> |         |          |         |            |          | 22        |             |               |           |
| 40/ 39      | . 1        | •1       | • 1   | • 1      | • 1            | •1         | .0       |          |          | 1        | ]        |          |         | ł        |         |            | ŀ        | 17        | 17          |               |           |
| 38/ 37      | • 0        | • 1      | • 1   | • 1      | • 1            |            | •0       |          | <u> </u> |          | <u> </u> |          |         | <u> </u> |         |            | <b>!</b> | 14        |             |               |           |
| 36/ 35      | • 1        | 1        |       |          | • 0            |            |          |          |          | l        |          | l        |         | 1        |         |            |          | 3         | 3           |               |           |
| 34/ 33      |            |          |       | •0       |                | •0         |          |          |          | <u> </u> | ļ        |          |         | <u> </u> |         |            | <u> </u> | ?         | 2           | 9             | 1         |
| 32/ 31      |            |          |       |          |                |            | j        |          |          |          |          |          |         | 1        |         |            | l        |           | 1           | 10            |           |
| 30/ 29      |            | <u> </u> |       |          |                | <u></u>    | <u>i</u> |          | <u></u>  | <u> </u> | L        | <u> </u> | <u></u> | <u> </u> |         |            |          | <u>L</u>  |             | 3             | 101       |
| Element (X) |            | ZX2      |       |          | z <sub>X</sub> | _ _        | X        | •,       |          | No. 01   | 35.      |          |         |          |         |            |          | h Tempera |             | <del></del>   |           |
| Rel. Hum.   |            |          |       |          |                |            |          |          | _        |          |          | ± 0      | F       | ≤ 32 F   | ₹ 67    | F   2      | 73 F     | ≥ 85 F    | ≥ 93        | F             | Total     |
| Dry Bulb    |            |          |       | <u> </u> |                | _ _        |          | <u> </u> | _        |          |          |          |         |          |         |            |          |           |             |               |           |
| Wat Bulb    |            |          |       | <b> </b> |                |            |          |          |          |          | ļ        |          | _       |          |         |            |          |           | <del></del> |               |           |
| Dew Point   |            |          |       | L        |                | L          |          |          | I_       |          |          |          |         |          | L       |            |          |           |             |               |           |

## **PSYCHROMETRIC SUMMARY**

| L2911            | RA  | NOOL  | PH A     | FB T                                             | EXAS           | /SAN            | ANT          | 0110                                             |          | <u> 39-</u>                                      | 45,4         | 7-71    | ,73-         | 75<br>YE | ARS     |          |              |                                                  |                                                  |              | HTHOI                |
|------------------|-----|-------|----------|--------------------------------------------------|----------------|-----------------|--------------|--------------------------------------------------|----------|--------------------------------------------------|--------------|---------|--------------|----------|---------|----------|--------------|--------------------------------------------------|--------------------------------------------------|--------------|----------------------|
|                  |     |       |          |                                                  |                |                 |              |                                                  |          |                                                  |              |         |              |          |         |          |              | PΔG                                              | E 2                                              | 123          | 0-140(<br>(C. S. T.) |
| Temp.            |     |       |          |                                                  |                |                 | BULB '       |                                                  |          |                                                  |              |         |              |          |         |          |              | TOTAL                                            |                                                  | TOTAL        |                      |
| (F)              | 0   | 1 - 2 | 3 - 4    | 5 - 6                                            | 7 - 8          | 9 - 10          | 11 - 12      | 13 - 14                                          | 15 - 16  | 17 - 18                                          | 19 - 20      | 21 - 22 | 23 - 24      | 25 - 26  | 27 - 28 | 29 - 30  | ≥ 31         | D.B. W.B.                                        | Dry Bulb                                         | Wet Bul      | b Dew Poi            |
| 28/ 27<br>26/ 25 |     | . 1   |          |                                                  |                |                 |              |                                                  |          |                                                  |              |         |              |          |         |          |              | 2                                                | 2                                                |              | 1 79                 |
| 24/ 23 22/ 21    |     | • 0   |          |                                                  |                |                 |              |                                                  |          |                                                  |              |         |              |          |         |          |              | 1                                                | 1                                                |              | 2 62<br>1 56         |
| 20/ 19<br>18/ 17 |     |       |          |                                                  |                |                 |              |                                                  |          |                                                  |              |         |              |          |         |          |              |                                                  |                                                  | <del> </del> | 20                   |
| 16/ 15<br>14/ 13 |     |       |          |                                                  |                |                 |              |                                                  |          |                                                  |              |         |              |          |         |          | -            | <del> </del>                                     |                                                  |              | 2                    |
| 12/ 11<br>10/ 9  |     |       |          |                                                  | <del> </del>   |                 |              |                                                  |          |                                                  |              |         |              |          |         |          | <del> </del> |                                                  |                                                  |              | 1 4                  |
| 8/ 7<br>6/ 5     |     |       | <u> </u> |                                                  |                |                 | <del> </del> |                                                  |          | <br> <br>                                        |              |         |              |          |         |          |              |                                                  |                                                  |              |                      |
| 4/ 3<br>-6/ -7   |     |       |          |                                                  |                |                 | ļ            |                                                  |          |                                                  | <del></del>  |         |              |          |         |          |              |                                                  | <br>                                             |              |                      |
| TOTAL            | 1.1 | 5.6   | 6.8      | 9.5                                              | 11.5           | 11.9            | 12.9         | 11.6                                             | 9.6      | 6.9                                              | 5.4          | 3.1     | 2.2          | 1.1      | • 4     | • 2      | • 2          | 3238                                             | 3238                                             | 323          | 323                  |
| -                |     |       |          |                                                  | ļ ——           |                 |              |                                                  |          |                                                  |              |         |              |          |         |          |              | 323                                              |                                                  | 1            |                      |
|                  |     |       |          |                                                  |                |                 | ļ            |                                                  | <u> </u> |                                                  |              |         |              | 1        |         |          |              | <del> </del>                                     | <del>                                     </del> |              |                      |
|                  |     |       |          | <u> </u>                                         |                |                 | <del> </del> |                                                  |          |                                                  |              |         | <del> </del> |          |         |          | <del> </del> |                                                  |                                                  |              | -                    |
|                  |     |       | -        | -                                                |                |                 | <del> </del> |                                                  |          |                                                  |              |         |              |          |         |          |              |                                                  |                                                  |              | <del> </del>         |
|                  |     |       |          | <del>                                     </del> |                |                 |              |                                                  |          |                                                  |              |         |              |          |         | <u> </u> |              |                                                  |                                                  |              | 1                    |
|                  |     |       |          |                                                  | <b>}_</b>      | <del> -</del> - | <del> </del> | -                                                | <b>-</b> | <del>                                     </del> | <del> </del> |         |              |          |         |          | -            | <del> </del>                                     | <del> </del>                                     | -            | <del> </del>         |
|                  |     | -     |          |                                                  |                | -               |              | <del>                                     </del> |          |                                                  | -            |         |              | +        |         |          | <del> </del> |                                                  |                                                  |              |                      |
|                  |     |       |          | -                                                |                |                 | -            | -                                                |          | -                                                | -            |         |              |          |         |          |              |                                                  | -                                                | -            | -                    |
|                  |     |       |          | <del>                                     </del> |                |                 |              |                                                  |          |                                                  |              |         |              |          |         |          |              | <del>                                     </del> |                                                  |              |                      |
| Element (X)      |     | ZX2   | L        | +                                                | Z <sub>X</sub> | <del>!</del>    | <u>;</u> 🔻   | - F                                              | 1        | No. O                                            | bs. 1        | L       | L            | اا       | Mean I  | No. of H | lours wit    | h Tempero                                        | fure                                             | 1            |                      |
| Rel. Hum.        | -   |       | 3194     |                                                  | 1655           | 76              |              | 21.2                                             |          |                                                  | 38           | ≤ 0     | F            | ± 32 F   | ≥ 67    |          | . 73 °       | ≥ 80 F                                           |                                                  | F            | Total                |
| Dry Bulb         |     |       | 5667     |                                                  |                | 15              |              | 10.4                                             |          |                                                  | 38           |         |              | •1       |         |          | 33.9         |                                                  | +                                                | .1           | ٥                    |
| Wet Bulb         |     |       | 9558     |                                                  | 1832           |                 |              | 9.0                                              |          |                                                  | 38           |         |              | ,5       | 14      |          | • :          | <del></del>                                      |                                                  |              | G                    |
| Dew Point        |     |       | 5026     |                                                  | 1516           |                 |              | 13.9                                             |          |                                                  | 38           |         | •0           | 17.1     |         | , 7      |              | 1                                                |                                                  |              | 9                    |

TORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# **PSYCHROMETRIC SUMMARY**

RANDOLPH AFE TEXAS/SAN ANTONIU 39-45,47-71,73-75 1500-1700 HOURS (L. S. T.) PAGE 1

| Temp.       |              |            |          |          |                | WET    | BULB    | remper   | ATURE   | DEPRE    | SSION ( | (F)      |         |                                            |          |           | TOTAL    |            | TOTAL    | TAL      |           |  |
|-------------|--------------|------------|----------|----------|----------------|--------|---------|----------|---------|----------|---------|----------|---------|--------------------------------------------|----------|-----------|----------|------------|----------|----------|-----------|--|
| (F)         | 0            | 1 - 2      | 3 - 4    | 5 - 6    | 7 - 8          | 9 - 10 | 11 - 12 | 13 - 14  | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22  | 2: - 24 | 25 - 26                                    | 27 - 28  | 29 - 30   | ≥ 31     | D.B. W.B.  | Dry Bulb | Wet Bulb | Dew Point |  |
| 100/ 99     |              |            |          |          |                |        |         |          |         |          |         |          |         |                                            |          | ٠,        | i        | 1          | 1        |          |           |  |
| 98/ 97      |              | <u> </u>   | <u> </u> |          |                |        |         |          |         |          |         |          | <u></u> | <u>i                                  </u> | l        | .0        | , 1      | 7          | 3        |          | ļ         |  |
| 96/ 95      |              | 1          |          |          |                |        |         |          |         |          |         |          |         |                                            |          |           | •1       | 4          | 4        |          |           |  |
| 94/ 93      |              | <u> </u>   | <u> </u> |          |                |        |         |          |         |          |         |          | .1      |                                            |          | .i        | • 1      |            | 4        | 1        | 1         |  |
| 92/ 91      | 1            | 1          | 1        | 1        |                |        |         |          |         | .0       | •0      | .2       | . 1     | .1                                         | •1       | .2        |          | 23         | 23       |          |           |  |
| 90/ 89      |              |            |          |          |                |        |         |          | •0      | 2        | .1      | .3       | • 1     |                                            | . 2.     | ٠, ٥      |          | 34         | 34       | į        | 1         |  |
| 88/ 87      |              | 1          | 1        |          |                |        | • 1     | • 1      | .1      | .3       | .1      | . 2      | • 2     | • 1                                        | . 2      | • 2       |          | 50         | 5ນ       |          |           |  |
| 86/ 85      |              |            | <u> </u> |          |                |        |         | • 2      | .4      | .5       | . 4     | . 4      |         |                                            | • 2      | 1         |          | RO         | 32       | j i      | 1         |  |
| 84/83       |              |            | 1        |          |                | • 1    | . 4     | 1.0      | 1.2     | .4       | .6      | .5       | • 3     | • 3                                        | • 2      | • ∪       |          | 157        | 157      |          |           |  |
| 82/ 61      |              |            | <u> </u> |          | • 6            | • 1    | . 8     | 1.4      | . 8     |          | . 3     | . 4      | .6      | .4                                         | . ა      | • )       | 1        | 174        | 174      |          | 1         |  |
| 80/ 79      |              | 1          | 1        |          | • 2            | . 6    | 1.2     | 1.1      | .7      | .6       | . 8     | 1.0      | •7      | .5                                         | •1       |           |          | 245        | 245      |          |           |  |
| 78/ 77      |              |            | <u> </u> | . 1      | . 8            | • 9    | 1.1     | 7        | 1.0     | .8       | •9      | .7       | • 3     | ,                                          | İ        |           | <b>[</b> | 253        | 253      | 1        |           |  |
| 76/ 75      |              |            | •C       | - 4      | 1.i            | 1.5    | 1.0     | 1.1      | . 6     | .6       | .7      | .7       | • 3     | • 1                                        | •0       |           |          | 265        | 265      | 3        |           |  |
| 74/ 73      | <b>↓</b>     |            |          |          | • 7            | . 8    | 1.0     | . 5      | .7      | 1.1      | • 0     |          | .4      | .0                                         |          |           |          | 253        | 253      | 17       | 1         |  |
| 72/ 71      |              | •          | 1 .3     |          | • 9            | - 8    | • 4     | . 8      | .8      | .4       | .9      | • 2      | • 1     | .]                                         |          |           | i        | 212        | 212      |          |           |  |
| 70/ 69      |              |            |          |          | • 5            | . 8    | •6      | 1.0      |         |          |         | • 2      |         | .0                                         |          |           | İ        | 221        | 221      | 202      | 14        |  |
| 68/ 67      |              |            |          | • 6      | • 9            | • 6    |         | . 8      | • 9     | • 5      | • 5     | • 2      |         |                                            |          |           |          | 205        | 275      | 273      | 60        |  |
| 66/ 65      |              | <u>d</u> • |          |          |                | _ 5    | • 5     | . 8      |         | 1.0      | .7      | 1        |         | !                                          | İ        |           | L        | 508        | 209      | 263      | 126       |  |
| 64/ 63      |              |            |          |          | +4             | • 4    | • 3     | • 7      |         |          |         | • 0      |         | i                                          |          |           |          | 148        | 168      | 243      | 175       |  |
| 62/ 61      | <u> </u>     |            |          |          | • 4            | . 3    |         | . 8      |         | .5       |         |          |         | <u> </u>                                   |          |           |          | 121        | 151      | 274      |           |  |
| 60/ 59      |              |            |          |          |                | • 2    | • 6     | . 8      | .6      | .5       |         |          |         |                                            |          |           | !        | 121        | 121      | 254      |           |  |
| 58/ 57      |              |            |          | • 2      |                | • 4    | • 4     | • 4      |         | .1       |         |          |         | <u> </u>                                   |          |           |          | 96         | 9ó       |          |           |  |
| 56/ 55      |              |            |          |          |                | • 4    | • 3     | • 1      | •1      |          |         |          |         |                                            |          |           |          | 52         | 62       | 241      | 171       |  |
| 54/ 53      |              |            |          |          | • 2            | • 3    | . 3     | • 2      | .1      |          |         |          |         | <u> </u>                                   | <u> </u> |           |          | 50         | 40       | 194      | 156       |  |
| 52/ 51      |              |            | 3 • 4    |          | • 1            | • 2    | • 4     | • 1      | •0      | ]        |         |          |         |                                            |          |           |          | 58         | 58       | 213      | 149       |  |
| 50/ 49      | ,            |            |          |          | • 1            | • 2    | • 1     | • 1      |         |          |         | <u> </u> |         |                                            | ·        |           |          | 42         | 42       | 171      | 114       |  |
| 48/ 47      |              |            |          | • 1      | • 3            | • 2    | • 2     |          |         | 1        |         |          |         | Ì                                          |          |           |          | 43         | 43       | 185      |           |  |
| 46/ 45      | <u>  •</u>   | 1 .:       | 2 - 1    | ٠Ž       | • 1            | •1     | •0      |          |         | <u> </u> |         |          |         | <u>i</u>                                   |          |           |          | 27         | 27       | 134      | 131       |  |
| 44/ 43      |              |            | 1 .1     | • 2      | • 2            | • 1    | • 0     |          |         |          |         |          |         |                                            | 1        |           |          | 20         | 20       | 78       | ,         |  |
| 42/41       | <u> </u>     | 1 •        | 2 .2     |          | • 1            | •1     | •0      |          |         |          |         |          |         | L                                          | <u> </u> |           |          | 20         | 2:)      | 66       | 139       |  |
| 40/ 39      |              | •          | <b>Լ</b> |          | • 1            |        |         |          |         |          |         |          |         |                                            | - 1      |           |          | - 5        | ဒ်       | 46       | 129       |  |
| 38/ 37      |              |            | <u> </u> |          | . 1            |        |         |          | L       |          |         |          |         | <u> </u>                                   |          |           |          | 10         | 10       | 45       | 144       |  |
| 36/ 35      |              | 1          |          |          |                |        |         |          | i -     |          |         |          |         | !                                          | ]        |           |          | 2          | 2        | 15       | 143       |  |
| 34/ 33      | <del></del>  |            |          |          | L              |        |         |          |         |          |         |          |         |                                            | <u> </u> |           | Ĺ        | L          |          | 4        | 39        |  |
| Elemeni (X) | <u> </u>     | ΣX1        |          | <u> </u> | z <sub>X</sub> |        | X       | •4       |         | No. Ob   | s       |          |         |                                            | Mean P   | lo. of He | ours wit | 1 Temperat | lure     |          |           |  |
| Rel. Hum.   | <u> </u>     |            |          | ļ        |                |        |         |          | _       |          |         | : 9      | F       | ± 32 F                                     | ≥ 67     | F         | 73 F     | ≥ 80 F     | ► 93 I   | F        | Total     |  |
| Dry Bulb    | <del> </del> |            |          | L        |                |        |         | <u> </u> |         |          |         |          |         |                                            |          |           |          |            |          |          |           |  |
| Wet Bulb    | <u> </u>     |            |          | <u> </u> |                |        |         |          |         |          |         |          |         |                                            |          |           |          |            |          |          |           |  |
| Dew Point   | 1            |            |          |          |                |        |         | Ĺ        |         |          |         |          |         |                                            |          |           |          |            | T        | T I      |           |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# **PSYCHROMETRIC SUMMARY**

RANDOLPH AFS TEXAS/SAN ANTONIO AAR HTHOM <u>9-45,47-71,73-75</u> 1500-1700 HOURS (L. S. f.) PAGE 2

| Temp.       |     |             |              |                                                  |                                                  |                                                  | BULB                                             |                                                  |                                                  |                |          |          | -              |            |          |                                                  |              | TOTAL        |             | TOTAL        |             |
|-------------|-----|-------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------------|----------|----------|----------------|------------|----------|--------------------------------------------------|--------------|--------------|-------------|--------------|-------------|
| (F)         | 0   | 1 - 2       | 3 - 4        | 5 - 6                                            | 7 - 8                                            | 9 - 10                                           | 11 - 12                                          | 13 - 14                                          | 15 - 16                                          | 1" - 18        | 19 - 20  | 21 - 22  | 23 - 24        | 25 - 26    | 27 29    | 29 - 30                                          | e 31         | D.B. W.B.    | Dry Bulb    | Wet Bulb     | Dew Point   |
| 32/ 31      |     |             |              |                                                  |                                                  |                                                  |                                                  | i                                                |                                                  |                |          |          |                | i          |          | ı                                                | ]            |              | <del></del> | ċ            |             |
| 30/ 29      |     | •0          |              |                                                  |                                                  | ĺ                                                | 1                                                |                                                  |                                                  |                |          |          |                |            |          |                                                  | !            | 1            | 1           | 2            |             |
| 28/ 27      |     |             | • 1          |                                                  |                                                  |                                                  | T .                                              | 1                                                |                                                  |                |          |          |                |            |          |                                                  |              | 2            | 2           | 1            | 75          |
| 26/ 25      |     | ]           |              |                                                  | 1                                                | ]                                                |                                                  |                                                  |                                                  |                |          |          |                |            |          |                                                  |              |              |             | ]            | 54          |
| 24/ 23      |     |             |              |                                                  | i                                                | 1                                                | 1                                                |                                                  |                                                  |                |          |          |                | 1          |          | <del>                                     </del> | 1            | i            |             | 2            | 72          |
| 22/ 21      |     |             |              |                                                  | l                                                |                                                  | 1                                                |                                                  |                                                  |                |          |          |                |            |          |                                                  | !            |              |             |              | 50          |
| 20/ 19      |     |             |              |                                                  | <u> </u>                                         | 1                                                | ì                                                | i                                                |                                                  |                |          |          |                | l —        |          | <u> </u>                                         | 1            | 1            |             | i            | 40          |
| 18/ 17      |     | <u> </u>    |              | 1                                                |                                                  |                                                  |                                                  | ŀ                                                |                                                  |                |          |          |                |            |          | ļ                                                |              |              |             | i            | 3.)         |
| 16/ 15      |     |             |              |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                |          |          |                |            |          |                                                  |              |              |             | 1            | 25          |
| 14/ 13      |     | [           |              |                                                  |                                                  | i                                                | ĺ                                                | 1                                                |                                                  |                |          |          |                |            |          |                                                  |              |              |             | İ            | 13          |
| 12/ 11      |     | <b></b>     |              |                                                  |                                                  | 1                                                |                                                  | 1                                                |                                                  |                |          |          |                | <u> </u>   |          | <del>                                     </del> |              |              |             | <del></del>  | 12          |
| 10/ 9       |     | }           |              |                                                  | ľ                                                | i                                                | 1                                                |                                                  |                                                  |                |          |          | l              | }          |          | l                                                |              | į į          |             | ĺ            | 4           |
| 6/ 5        |     |             |              |                                                  |                                                  |                                                  | <del>                                     </del> |                                                  |                                                  |                |          |          |                |            |          | 1                                                |              |              |             |              | 1           |
| 4/ 3        |     | Ì           |              | 1                                                | 1                                                | ]                                                | }                                                | ]                                                |                                                  | ]              |          |          | ]              |            |          |                                                  | 1            | 1            |             | Ì            | 1           |
| 2/ 1        |     |             |              | i                                                |                                                  | 1                                                | 1                                                | 1                                                |                                                  |                |          | -        |                |            |          | <u> </u>                                         | <del> </del> |              |             | I            | ī           |
| TOTAL       | . 9 | 3.8         | 4.7          | 6.7                                              | 9.2                                              | 9.7                                              | n 11.0                                           | 12.6                                             | 11.3                                             | 9.2            | 7.5      | 5.5      | 3.5            | 2.1        | 1.1      | . 6                                              | • 4          |              | 3245        |              | 7246        |
|             |     | i           |              |                                                  | <del>                                     </del> | 1                                                |                                                  |                                                  | ·                                                |                |          | -        |                |            |          | T                                                | <del> </del> | 3246         |             | 3245         |             |
|             |     | i           | i .          | ;<br>                                            | i                                                | ì                                                | 1                                                | }                                                | 1                                                |                |          |          | 1              |            | ĺ        | 1                                                | 1            |              |             | }            | 1           |
|             |     | i           | <del> </del> |                                                  | <del></del>                                      | <del>                                     </del> | <del>                                     </del> | 1                                                |                                                  |                |          |          | -              | 1          |          | †                                                |              |              |             |              |             |
|             |     |             |              | ŀ                                                |                                                  |                                                  | 1                                                | 1                                                |                                                  | 1              |          |          | 1              | 1          |          | 1                                                |              |              |             | ļ            | 1           |
|             |     | 1           | i            | · ·                                              | 1                                                |                                                  | <del> </del> -                                   | i                                                |                                                  | <u> </u>       | i        |          |                | 1          |          | 1                                                | 1            |              |             | i            | <del></del> |
|             |     |             |              | ļ                                                |                                                  |                                                  |                                                  |                                                  | İ                                                |                |          |          | ł              |            |          |                                                  | 1            |              |             | 1            |             |
|             |     |             | <u> </u>     |                                                  | 1                                                | 1                                                |                                                  | 1                                                | ļ                                                | <del> </del> - |          |          |                | 1          |          |                                                  | 1            | <del> </del> |             | <u> </u>     |             |
| i           |     | i           | ł            | ]                                                | 1                                                |                                                  |                                                  | 1                                                |                                                  | l              |          |          | İ              |            |          | ĺ                                                | 1            |              |             | ļ            |             |
|             |     | 1           | <u> </u>     | i                                                |                                                  |                                                  | T                                                | 1                                                |                                                  |                |          |          | 1              | 1          |          | 1                                                | 1            |              |             | 1            | 1           |
|             |     | 1           | 1            | 1                                                | ì                                                | 1                                                | 1                                                | 1                                                | 1                                                |                |          |          | 1              | į į        | 1        |                                                  | 1            |              |             | 1            | }           |
|             |     | <del></del> | i            | <del> </del>                                     | i                                                | 1                                                | 1                                                | <del>                                     </del> | <del>                                     </del> | <u> </u>       |          |          | <del> </del> - | 1          |          | <b> </b>                                         | 1            | <b> </b>     |             |              | <b> </b>    |
|             |     | i           | ļ            | 1                                                | 1                                                | [                                                |                                                  |                                                  | Į                                                |                |          |          | l              |            |          |                                                  | į            | -            |             | 1            | ļ           |
|             |     | i —         | i            | <del>                                     </del> |                                                  | 1                                                | <del> </del>                                     |                                                  |                                                  | 1              |          |          | 1              |            |          | !                                                | 1            |              |             |              |             |
|             |     | ł           |              | ŀ                                                | 1                                                | 1                                                | i                                                | İ                                                | i                                                | 1              | 1        | ļ        |                |            |          |                                                  | 1            | 1            |             | j            |             |
|             |     | ·           |              | <del></del> -                                    | 1                                                | 1                                                | 1                                                |                                                  |                                                  |                |          |          | -              | 1          |          | 1                                                | 1            | T            |             | 1            | 1           |
|             |     |             |              | ļ                                                |                                                  |                                                  | i                                                |                                                  |                                                  |                | 1        |          | 1              | ĺ          | !<br>1   | Ì                                                | i            |              |             |              |             |
|             |     |             |              | ]                                                |                                                  |                                                  |                                                  |                                                  |                                                  |                | l        |          | <u> </u>       |            |          | 1                                                | 1            |              |             | <del> </del> | 1           |
|             |     | <u> </u>    | <u> </u>     |                                                  | <u>L</u>                                         | <u></u>                                          |                                                  |                                                  | L                                                | <u> </u>       | <u> </u> | <u> </u> | <u> </u>       | <u> </u>   | <u> </u> |                                                  |              | <u></u>      |             |              | <u> </u>    |
| Element (X) |     |             |              |                                                  | ZX                                               |                                                  | X                                                | <b>"</b> x                                       |                                                  | No. Ol         |          |          |                |            |          |                                                  |              | h Tempera    |             | <del></del>  |             |
| Rei. Hum.   |     |             | 7157         |                                                  | 1502                                             | 273                                              | 46.3                                             | 20.7                                             | 73                                               |                | 46       | = 0      | F              | ≤ 32 F     | ≥ 6      |                                                  | ≥ 73 F       | ≥ 80 F       | 4 93        |              | Total       |
| Dry Bulb    |     |             | 2610         |                                                  | 2283                                             |                                                  | 70.5                                             | 10.7                                             | 71                                               |                | 46       |          | _              | <u>• 1</u> |          | 0.0                                              | 44.7         |              | ·)          | • 5          | 93          |
| Wet Bulb    |     |             | 8912         |                                                  | 1861                                             |                                                  |                                                  | 3.7                                              |                                                  |                | 45       |          |                | • 3        |          | .9                                               | • 6          |              |             |              | 73          |
| Dew Point   |     | 753         | 0273         | 3                                                | 1499                                             | 39                                               | 46.2                                             | 11.3.7                                           | 36                                               | 32             | 46       |          |                | 17.2       | 1 2      | . 2                                              |              | 1            | [           |              | 93          |

FORM 10-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

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#### **PSYCHROMETRIC SUMMARY**

12911 STATION RANFOLPH AFB TEXAS/SAN ANTONIO rt AR 1900-2000 HOURS (L. S. T.) PAGE 1

| Temp.                 |                                                  |                 |       |       |       | WET            | BULB 1         | PEMPER       | RATURE       | DEPRE    | SSION (    | F)       |            |                                              |                                                |          |                                                  |      | TOTAL               |               | TOTAL       |             | _[       |
|-----------------------|--------------------------------------------------|-----------------|-------|-------|-------|----------------|----------------|--------------|--------------|----------|------------|----------|------------|----------------------------------------------|------------------------------------------------|----------|--------------------------------------------------|------|---------------------|---------------|-------------|-------------|----------|
| (F)                   | 0_                                               | 1 - 2           | 3 • 4 | 5 - 6 | 7 - 8 | 9 - 10         | 11 - 12        | 13 - 14      | 15 - 16      | 17 - 18  | 19 - 20    | 21 - 22  | 23 - 24    | 25 - 26                                      | 27 - 2                                         | 8 29 -   | 30                                               | ≥ 31 | D.B./W.B.           | Dry Bulb      | Wet Bulb    | Dew Poin    | 1        |
| 95/ 95                |                                                  |                 |       |       |       |                |                |              |              |          |            |          |            |                                              |                                                |          | •0                                               |      | 1                   | 1             |             |             | 7        |
| 92/ 91                |                                                  |                 |       |       |       |                |                |              |              |          |            |          | • (        | <u>                                     </u> | 1                                              | <u> </u> | <u>. ol</u>                                      | ٠,٥  | 4                   | 4             |             |             | ⅃        |
| 90/ 89                |                                                  |                 |       |       |       |                |                |              |              | .0       |            | • Ú      | • (        |                                              |                                                |          | ٠,                                               |      | 4                   | 4             |             |             | 7        |
| 88. 87                |                                                  |                 |       |       |       |                | •0             |              | .0           |          | <u>, u</u> | ن و      | ن و        | )                                            |                                                | <u> </u> |                                                  | ٠,   |                     |               | 1           |             |          |
| 86/ 85                |                                                  |                 |       |       |       |                | • 0            | • 0          | .0           |          |            | • •      | ا و ا      | • 1                                          | •                                              | 1        | 1                                                |      | 15                  | 15            |             |             |          |
| 84/ 83                |                                                  |                 |       |       |       |                | • 1            | • 2          |              | .2       | . 1        |          |            |                                              |                                                | 1        |                                                  |      | 26                  | 2.6           |             |             | 1        |
| 82/ 81                |                                                  |                 | İ     |       | • 1   | . 1            | • 1            | • 4          |              | 1.1      | . 2        | • 1      | • 2        | • 1                                          | •                                              | ύ        |                                                  |      | 45                  | 45            | ı           | }           | Ţ        |
| 80/ 79                |                                                  |                 |       |       | • 2   | 3              | . 5            | 6            | .2           |          | . 2        | • 2      | - 2        |                                              | <u>  • • • • • • • • • • • • • • • • • • •</u> | _        |                                                  |      | 39                  |               |             | <u> </u>    | 1        |
| 78/ 77                |                                                  |                 |       | • 2   | • 4   | . 8            |                | • 5          | .3           | .4       | , 2        | • 4      |            | 1                                            |                                                | o        |                                                  |      | 125                 |               |             | 1           | 1        |
| 76/ 75                |                                                  |                 | • 1   | . 7   | • B   | 1.0            | • 6            | • 5          |              |          |            | . 3      |            |                                              | <b>├</b> ─                                     | -        | _                                                |      | 177                 | 177           | <del></del> | ļ           | 4        |
| 74/ 73                |                                                  | •0              | -     | 1.0   | 1.2   | 1.2            |                | • 5          | .8           |          | . 3        |          |            |                                              | 1                                              | 1        | 1                                                |      | 231                 | 231           |             | i           | 1        |
| 72/ 71                | •0                                               |                 | . 8   | 1.3   | 1.4   | 1.1            | . 8            | . 8          | <del>,</del> |          |            | • 2      | • ]        | <del></del>                                  | ├                                              | -        |                                                  |      | 276                 | 276           | <del></del> |             | -1       |
| 70/ 69                | ,                                                | • 3             |       | 1.6   | 1.1   | • 7            | • 7            | 1.0          |              |          | .6         | • 2      | j , 1      | 4                                            |                                                |          |                                                  |      | 298                 | 288           | L           | 1 ~ ~       |          |
| 68/ 67<br>66/ 65      | •0                                               |                 |       | 104   | - 8   | . 7            | .9             | 1.0          |              |          | .3         | 1        |            | <del> </del>                                 | <b>├</b> ─                                     |          |                                                  |      | 271                 | 271<br>253    | 206         |             |          |
| 64/ 63                | •2                                               |                 |       | 1.0   | 1.0   | 1.0            |                | 1.2          |              |          | .2         |          | ]          | İ                                            | İ                                              |          |                                                  |      | 253<br>259          | 259           |             |             | 1        |
| 62/61                 | •1                                               |                 |       | •7    |       | .7             | _              |              | -            |          |            |          |            |                                              |                                                | +        | -+                                               |      | 189                 | 199           | <del></del> |             | ┨        |
| 60/ 59                | • •                                              | .4              |       | . 7   | .6    | 9              |                | •6           |              |          | • •        |          |            |                                              | 1                                              |          | ŀ                                                |      | 188                 | 189           |             |             |          |
| 58/ 57                | ,1                                               |                 | - 4   | . 5   | • 7   | . 8            |                | • 6          |              |          |            |          |            | 1                                            | <del> </del>                                   | +-       | -                                                |      | 160                 | 160           | <del></del> | <del></del> | -        |
| 56/ 55                | i                                                |                 |       | .5    |       | . 8            |                | .7           |              |          |            |          |            |                                              |                                                |          | 1                                                |      | 140                 | 140           |             |             |          |
| 54/ 53                |                                                  | • 2             |       | • 5   |       | .6             |                | • 3          |              |          |            |          |            | 1                                            | 1                                              | $\top$   |                                                  |      | 95                  |               |             |             | -        |
| 52/ 51                | .1                                               | .5              |       | 3     |       | .5             |                | . 2          |              |          |            |          | İ          | 1                                            | 1                                              |          | ļ                                                |      | 99                  | 98            |             |             |          |
| 50/ 49                | . 1                                              |                 |       |       |       |                |                | • 2          |              |          |            |          |            |                                              |                                                | 7        |                                                  |      | 79                  | 79            |             |             | 1        |
| 48/ 47                | .1                                               | . 3             | . 3   | • 2   | 2     | .4             |                | •0           |              |          | <b> </b> i |          |            |                                              | J                                              |          |                                                  |      | 60                  | 60            | 195         | _131        | 1        |
| 46/ 45                | .1                                               | • 3             | • 2   | • 2   | • 2   | .1             | • 2            |              |              | [        |            |          |            | 1                                            |                                                | 7        |                                                  |      | 42                  | 42            | 173         | 182         | 7        |
| 44/ 43                | . i                                              | • 2             | . 3   |       | • 2   | • 1            | .0             |              | <u> </u>     |          |            |          |            |                                              |                                                |          |                                                  |      | 39                  |               |             |             |          |
| 42/ 41                |                                                  | • 1             |       | • 2   | • 4   | . 1            | • C            |              |              |          |            | 1        | İ          |                                              |                                                |          |                                                  |      | 40                  |               |             |             | 1        |
| 40/ 39                |                                                  | .2              |       | • 1   | • 1   | • 1            |                |              | <u> </u>     | <u> </u> |            |          |            |                                              | <u> </u>                                       |          | _                                                |      | 19                  |               |             |             |          |
| 38/ 37                | ١.                                               | • 3             |       | • 1   | • 1   | • 0            | Į              | !            | ł            | l        | [          |          |            | 1                                            |                                                | -        |                                                  |      | 14                  | <b>.</b>      |             |             |          |
| 36/ 35                | <u>• 1</u>                                       | <u> </u>        | •0    |       | •1    |                | <u></u>        |              |              |          |            |          | <u> </u>   |                                              | <del> </del>                                   | -        | _                                                |      | 5                   |               |             |             |          |
| 34/ 33                | Į.                                               |                 | • 0   |       | •0    |                |                | Į            |              |          | Į .        | [        | l          |                                              | Į.                                             | -        | Į                                                |      | j 3                 |               |             |             |          |
| 32/ 31                | <del> </del>                                     |                 | •0    | •0    |       |                | <del> </del> - | <b> </b>     | <del> </del> | <u> </u> | ļ          | <u> </u> | <b> </b> - | <b>↓</b>                                     | <b>├</b> ─-                                    | -        |                                                  |      | 2                   | 2             | +           |             |          |
| 30/ 29                | <u> </u>                                         | 1               |       |       |       |                |                |              | 1            |          | ļ          | [        |            |                                              | {                                              | {        | Į                                                |      | l                   | 1             | 3           |             |          |
| 28/ 27<br>Element (X) | <del> </del>                                     | ΣX <sup>1</sup> | L     |       | 7     | <del></del> _  | <u> </u>       | ┝╌           | ┸┯           | No. O    | <u></u>    | L        | <u></u> _  |                                              | L                                              | <u> </u> |                                                  |      | h Tempera           | <u></u>       | 1 5         | 75          | 4        |
| Rel. Hum.             | <del> </del>                                     | ~ X.            |       |       | z x   |                | <u>x</u>       | <u>"</u> x   |              | No. U    | 35.        | ± 0      |            | ≤ 32 F                                       | ·                                              | 57 F     |                                                  | 73 F | h lempera<br>≥ 80 F | ture<br>≥ 93  | = 1         | Total       | $\dashv$ |
| Dry Bulb              | <del>                                     </del> |                 |       |       |       |                |                |              |              |          |            | 2 0      | -          | - 32 1                                       | +                                              | 5/ F     | <del>                                     </del> | /3 F | 2 80 F              | + 43          |             | 10101       | $\dashv$ |
| Wet Bulb              | <del></del>                                      |                 |       |       |       | <del> </del> - |                |              |              |          |            |          |            |                                              | +-                                             |          | ┝                                                |      |                     | <del>- </del> |             |             | ┥        |
| Dew Point             | <del> </del>                                     |                 |       |       |       |                |                | <del> </del> |              |          |            |          |            |                                              | <del> </del>                                   |          | -                                                |      |                     | -             |             |             | $\dashv$ |
| 1                     | <u> </u>                                         |                 |       |       |       | !              |                | <u> </u>     |              |          |            |          | 7          |                                              | . ř                                            |          |                                                  |      |                     | I             |             |             | J        |

USAFETAC FORM 0.26-3 (OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0.26-3 (OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

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|              |     |       |                                                  |              |              |                                                  |              |            |                                                  |         |         |              |              |                                                  |         |                                                  |              | FAU          | <u>.</u> .     | 1800<br>Hours ( | 5. T.)      |
|--------------|-----|-------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|------------|--------------------------------------------------|---------|---------|--------------|--------------|--------------------------------------------------|---------|--------------------------------------------------|--------------|--------------|----------------|-----------------|-------------|
| Temp.        |     |       |                                                  |              |              | WET                                              | BULB 1       | EMPER      | ATURE                                            | DEPRE   | SSION ( | F)           |              |                                                  |         |                                                  |              | TOTAL        | 1              | TOTAL           |             |
| (F)          | 0   | 1 - 2 | 3 - 4                                            | 5 - 6        | 7 - 8        | 9 - 10                                           | 11 - 12      | 13 - 14    | 15 - 16                                          | 17 - 18 | 19 - 20 | 21 - 22      | 23 - 24      | 25 - 26                                          | 27 - 28 | 29 - 30                                          | ≥ 31         | D.B., W.B.   | Dry Bulb       | Wet Bulb        | Dew Po      |
| 26/ 25       |     |       |                                                  |              |              |                                                  |              |            |                                                  |         |         |              |              |                                                  |         |                                                  |              |              |                | 2               | 7           |
| 24/ 23       |     |       |                                                  |              |              | }                                                |              |            |                                                  |         |         |              |              |                                                  |         |                                                  | 1            |              | -              |                 | 5           |
| 22/ 21       |     |       |                                                  |              |              |                                                  |              |            |                                                  |         |         |              |              |                                                  |         |                                                  |              |              |                |                 | 3           |
| 20/ 19       |     |       |                                                  |              |              | Í _                                              |              |            |                                                  |         |         |              |              |                                                  |         |                                                  |              |              |                | _ !             | 3           |
| 18/ 17       |     |       |                                                  |              |              |                                                  |              |            |                                                  |         |         |              |              |                                                  |         |                                                  |              |              |                |                 | 2           |
| 16/ 15       |     |       |                                                  |              | Ĺ            | İ                                                | i            |            |                                                  |         |         |              |              | <u></u>                                          |         | <u></u>                                          | L            | <u> </u>     | <u> </u>       |                 | 1           |
| 14/ 13       |     |       |                                                  | 1            |              | 1                                                |              |            |                                                  |         |         |              |              |                                                  |         |                                                  |              |              |                |                 | 1           |
| 12/ 11       |     |       |                                                  |              |              | <u>i</u>                                         | <u> </u>     |            |                                                  |         |         |              |              |                                                  |         | <u></u>                                          | <u> </u>     | İ            |                |                 | 1           |
| 1.07 9       |     |       |                                                  |              | 1            | ĺ                                                |              |            |                                                  |         |         |              |              |                                                  |         |                                                  |              |              | 1              |                 |             |
| 8/ 7         |     |       |                                                  |              | <u> </u>     | <u> </u>                                         |              |            |                                                  |         |         |              |              |                                                  |         |                                                  | <u> </u>     |              | <u> </u>       |                 |             |
| 6/ 5         | İ   |       | i                                                |              | ļ            |                                                  |              | ļ          | 1                                                |         |         |              |              |                                                  |         |                                                  | 1            | [            |                |                 |             |
| 4/ 3         |     |       |                                                  |              | <br>         |                                                  |              |            |                                                  |         |         |              |              |                                                  |         | <u></u>                                          | <u></u>      | ļ            |                |                 | A-2-7       |
| UTAL         | 1.0 | 6.7   | 11.2                                             | 13.3         | 13.3         | 13.1                                             | 11.8         | 10.7       | 7.5                                              | 4.4     | 3,1     | 1.8          | 1.0          | • 5                                              | • 3     | • 1                                              | •1           |              | 3246           |                 | 324         |
|              |     |       |                                                  |              |              | <u> </u>                                         |              |            |                                                  |         |         |              |              | ļ                                                |         |                                                  | <u> </u>     | 3245         |                | 3245            |             |
|              |     |       | j                                                |              | 1            |                                                  |              |            |                                                  | l       |         |              |              |                                                  |         | •                                                |              |              | 1              | ,               |             |
|              |     |       | ļ                                                |              | ļ            | <u> </u>                                         | <b> </b>     |            | <u> </u>                                         |         |         | <u> </u>     |              | <u> </u>                                         |         | <u> </u>                                         | <u> </u>     | ļ            |                | ļ               |             |
| İ            |     |       | ĺ                                                |              | I            |                                                  | 1            |            | 1                                                | ĺ       |         |              |              |                                                  |         |                                                  | 1            | 1            | 1              |                 |             |
|              |     |       | <b> </b>                                         | <del> </del> | ļ            | <del> </del>                                     | <del> </del> |            | <del> </del>                                     |         |         | <b></b>      | <del> </del> | <b> </b>                                         |         |                                                  | <del></del>  | <del> </del> | <del> </del> - | <del> </del>    |             |
|              |     |       | ì                                                |              | }            | ]                                                |              |            |                                                  | ļ       |         | !            |              |                                                  |         |                                                  | 1            |              |                |                 |             |
| <del> </del> |     |       | <del> </del> -                                   |              | <del> </del> | <del> </del>                                     | <del> </del> |            |                                                  |         |         |              | <b> </b>     |                                                  |         |                                                  | ļ            |              | <del> </del> - |                 |             |
|              |     |       | ł                                                |              |              |                                                  |              |            | ŀ                                                |         |         |              |              | }                                                |         | 1                                                |              | 1            | l              |                 |             |
|              |     |       |                                                  | <del> </del> | <del> </del> | <del> </del>                                     | <del> </del> |            | <del> </del>                                     |         |         | <del> </del> | <del></del>  |                                                  |         |                                                  | <del> </del> | <del> </del> |                | <del> </del>    |             |
| į            |     |       | }                                                |              | ł            | 1                                                | ł            | }          | 1                                                | 1       |         |              | 1            | 1                                                | ĺ       | ļ                                                | ì            | İ            | 1              | }               |             |
|              |     |       | <del> </del>                                     |              |              |                                                  | <del> </del> |            | <del>                                     </del> |         |         | <b></b>      | <del> </del> | <del>                                     </del> |         | $\vdash$                                         | <del> </del> |              | <del> </del>   | <del> </del>    |             |
| 1            |     |       | }                                                | ļ            |              |                                                  | 1            |            | 1                                                | 1       |         | }            | 1            | 1                                                |         | {                                                | 1            |              |                | 1               |             |
|              |     |       | <del>                                     </del> | <del> </del> | <del> </del> | <del>                                     </del> | <del> </del> | <b></b>    | <del> </del>                                     |         |         |              |              | <del>                                     </del> |         |                                                  | <del> </del> |              | <del> </del>   | <del> </del>    |             |
|              |     |       |                                                  | 1            | 1            | ļ                                                |              |            |                                                  |         |         |              |              | 1                                                |         | 1                                                |              | }            | 1              |                 |             |
|              |     |       | <del>                                     </del> | <del> </del> |              | <del>                                     </del> |              | <u> </u>   | <del>                                     </del> |         |         | <del></del>  |              |                                                  |         | <del>                                     </del> | 1            | <b> </b>     | !              |                 |             |
|              |     |       |                                                  | 1            | 1            |                                                  |              |            | !<br>]                                           |         |         |              |              | }                                                |         |                                                  |              |              |                |                 |             |
|              |     |       | <del>                                     </del> | 1            | 1            |                                                  | 1            |            |                                                  |         |         | <del> </del> | 1            |                                                  |         | 1                                                | 1            |              |                |                 |             |
|              |     |       |                                                  |              | ]            |                                                  |              |            |                                                  | İ .     |         | 1            | 1            |                                                  |         |                                                  |              | ł            |                |                 |             |
|              |     |       | 1                                                | 1            |              | 1                                                | 1            | I          |                                                  |         |         |              |              | 1                                                | i       | 1                                                | 1            | 1            | 1              |                 |             |
|              |     |       |                                                  | 1            | ł            |                                                  | 1            |            |                                                  |         |         | !            | ļ            | ļ                                                | -       |                                                  |              | ľ            |                | ļ               |             |
| Element (X)  |     | Σχ²   |                                                  |              | Zχ           |                                                  | X            | <b>"</b> x |                                                  | No. Ob  | s.      |              |              |                                                  | Mean    | No. of t                                         | lours wit    | h Tempera    | ture           |                 |             |
| Rel. Hum.    |     |       | 3915                                             |              | 1795         | 25                                               | 55,3         | 21.1       | 56                                               |         | 45      | ≤ 0          | F            | ≤ 32 F                                           | ≥ 67    | F                                                | ≥ 73 F       | ≥ 80 F       | ≥ 93           | F               | Total       |
| Dry Bulb     |     | 1390  | 0144                                             |              | 2104         | 30                                               | 64.8         | 9.9        | 07                                               | 32      |         |              |              | •1                                               |         | • 7                                              | 20.7         | 4.           | 1              | . )             | <u>-</u> -ç |
| Wet Bulb     |     |       | 9325                                             |              | 1789         |                                                  | 55.1         |            |                                                  |         | 45      |              |              | • 6                                              |         | •6                                               | • 2          |              |                |                 | ç           |
| Dew Point    |     | 758   | 4615                                             | 1            | 1506         |                                                  | 46.4         |            |                                                  | 32      | 45      |              |              | 16.4                                             | 7       | .5                                               |              | 1            | <del>- </del>  |                 | 7           |

RANDOLPH AFB TEXAS/SAN ANTONIU 39-45,47-75

DATA PROCESSY' BRANCH US. F ETAC AIR WEATHER \_\_RVICE/MAC

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0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

RANDRIPH AFB TEXAS/SAN ANTRNIO 39-45,47-75
STATION NAME 12911 STATION 'IAR YEARS PAGE 1

2100-2300 HOURS (L. S. T.)

| - 1 | Temp.          |            |                                                  |                                                  |                                                  |         |                                                  |              |              |              | DEPRE          |                                                  |          |                                                  |                |             |          |          | TOTAL                                            |          | TOTAL           |           |
|-----|----------------|------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------|--------------------------------------------------|--------------|--------------|--------------|----------------|--------------------------------------------------|----------|--------------------------------------------------|----------------|-------------|----------|----------|--------------------------------------------------|----------|-----------------|-----------|
|     | (F)            | 0          | 1 - 2                                            | 3 - 4                                            | 5 - 6                                            | 7 - 8   | 9 - 10                                           | 11 - 12      | 13 - 14      |              |                | 19 - 20                                          | 21 - 22  | 23 - 24                                          | 25 - 26        | 27 - 28     | 29 - 30  | ≥ 31     | D.B./W.B.                                        | Dry Bulb | Wet Bulb        | Dew Point |
|     | 2/ 81          |            |                                                  |                                                  |                                                  |         |                                                  |              |              | •0           |                |                                                  |          |                                                  |                |             |          |          | 1                                                | 1        |                 |           |
| 7   | 8/ 77          | ļ          | l                                                |                                                  | • 0                                              | • 0     | .0                                               | .0           |              |              |                | . 1                                              | • 1      |                                                  |                |             |          |          | я                                                | O        |                 |           |
| 70  | 6/ 75          |            |                                                  | • 0                                              | • 2                                              | •0      | .1                                               | • 1          | • 0          |              | .0             | . 1                                              | • 0      |                                                  |                |             |          | _        | 18                                               | 18       |                 |           |
| 7   | 4/ 73          | -          | •0                                               | . 6                                              | . 4                                              | • 3     | • 0                                              | •0           |              | .1           | .0             | . 1                                              | • 1      | .1                                               |                |             |          |          | 53                                               | 53       |                 |           |
| 7:  | 2/ 71          |            | • 6                                              | 1.3                                              | • 9                                              | • 4     | • 1                                              | • 1          |              | .0           | •0             | •0                                               |          |                                                  |                | Ĭ           |          |          | 113                                              | 113      | ÷               | 1         |
| 70  | 0/ 69          | • 0        | 1.7                                              | 2.7                                              | 1.4                                              | • 3     | .5                                               | .3           | • 2          | •1           | .2             | • 2                                              | •0       |                                                  |                |             |          |          | 251                                              | 251      | 62              | 21        |
| 6   | 8/ 67          | • 0        | 2.0                                              | 3.5                                              | 1.0                                              | • 6     |                                                  | . 3          |              | .3           |                |                                                  |          |                                                  |                |             |          |          | 289                                              | 392      | 134             | 81        |
| 6   | 6/ 65          | • 1        | 1.2                                              | 3.1                                              | 1.4                                              | .6      | . 8                                              |              | .4           | .3           | .2             | .1                                               | L        | l                                                |                |             |          |          | 291                                              | 290      | 225             | 153       |
| 6   | 4/ 63          | • 1        | 2.1                                              | 1.8                                              | 1.3                                              | •7      | • 5                                              | . 5          | .6           | .4           | • 1            | • 1                                              |          |                                                  |                |             |          |          | 266                                              | 266      | 221             | 132       |
| 6   | 2/ 61          | . 2        |                                                  | 2.1                                              | 1.3                                              | 1.2     | .6                                               | . 6          |              | .3           | .1             |                                                  |          |                                                  |                |             |          |          | 293                                              | 293      | 195             |           |
| 6   | 0/ 59          | • 2        | 1.9                                              | 1.6                                              | 1.3                                              | 1.1     | 1.4                                              |              | • 5          | .2           |                | 1                                                | l        | ŀ                                                |                |             |          | 1        | 292                                              | 292      | 212             | 155       |
| 5   | 8/ 57          |            | 1.3                                              | 1.5                                              | 1.3                                              | 1.0     | 1.1                                              |              |              |              | .0             |                                                  |          |                                                  |                |             |          |          | 234                                              | 276      | 221             | 172       |
|     | 6/ 55          | . 2        | • 7                                              | 1.0                                              | • 6                                              | 1.4     | 1.2                                              | .5           | • 2          |              | Ì              |                                                  | i        |                                                  | i              |             |          |          | 188                                              | 148      | 223             | 192       |
|     | 4/ 53          | • 1        | • 5                                              | 1.1                                              | 1.0                                              | 1.2     | 1.1                                              | .5           |              |              | L              |                                                  | l<br>    |                                                  |                |             |          |          | 187                                              | 187      | 205             |           |
|     | 2/ 51          | . 1        | • 7                                              | .8                                               | 1.0                                              | • 9     | ì                                                |              |              |              | 1              |                                                  |          |                                                  |                |             |          |          | 159                                              | 159      | 198             | 124       |
|     | 0/ 49          | . 1        | . 4                                              |                                                  | • 7                                              | 7       | 1.0                                              |              | • 1          |              |                | ļ                                                |          |                                                  |                |             |          |          | 145                                              | 145      | 233             | 157       |
|     | 8/ 47          | • 2        | • 6                                              |                                                  | • 7                                              |         |                                                  | .2           |              |              | ļ              | l                                                |          | ļ                                                |                |             |          |          | 131                                              | 131      | 227             | 1.47      |
| _   | 6/ 45          | <u>. 2</u> | - 3                                              | • 4                                              | .9                                               |         |                                                  |              |              |              | ļ              |                                                  | <b> </b> | <u> </u>                                         | ļ              |             |          |          | 94                                               | 94       | 205             |           |
| 1 - | 4/ 43          | • 1        | • 3                                              |                                                  |                                                  | • 4     |                                                  |              |              |              | į              |                                                  |          | ĺ                                                |                |             |          | l        | 75                                               | 75       | 149             |           |
|     | 2/ 41          | 1          | .4                                               |                                                  |                                                  | • 2     |                                                  |              | <del> </del> |              |                |                                                  |          |                                                  | <del> </del>   |             |          |          | 57                                               | 57       | 130             |           |
|     | 0/ 39          | • 0        |                                                  | .6                                               |                                                  | _       |                                                  |              |              |              | į              |                                                  |          |                                                  |                |             |          |          | 46                                               | 46       | 131<br>99       | 148       |
|     | 8/ 37<br>6/ 35 |            | .4                                               | • 1                                              | •3                                               | • 1     | • 1                                              | <del> </del> | <del> </del> |              | <del> </del>   |                                                  | ļ        | <del> </del>                                     |                |             |          |          | 30                                               | 30       | <del>- 77</del> | 137       |
|     | 6/ 35<br>4/ 33 | • 1        | • 1                                              | • 1                                              |                                                  | •1      |                                                  |              | i            |              | 1              | ļ                                                |          |                                                  | 1              |             |          | 1        | 22                                               | 22       | 36              |           |
|     | 2/ 31          |            |                                                  | .0                                               | •1                                               | • •     | <del>                                     </del> | <del> </del> |              | -            | ├              | <b> </b> -                                       |          |                                                  | <del> </del> - |             |          | <u> </u> | 5                                                | <u>ة</u> | 23              |           |
|     | 0/ 29          |            |                                                  | 1                                                | .0                                               |         | Į                                                | ļ            |              |              | 1              |                                                  |          |                                                  |                |             |          |          | 3                                                | 3        | 16              |           |
|     | 8/ 27          |            | <del> </del>                                     |                                                  | • 0                                              |         | <del> </del> -                                   | <del> </del> | <del> </del> | <del> </del> | <del> </del>   | <del> </del>                                     |          |                                                  | <del> </del>   |             |          |          |                                                  |          | - 10            | 1         |
|     | 6/ 25          |            |                                                  |                                                  |                                                  |         | l                                                | i            |              |              |                |                                                  |          |                                                  |                |             |          |          |                                                  |          | 7               |           |
|     | 4/ 23          |            | <del></del>                                      | <del>                                     </del> |                                                  |         |                                                  |              | <del> </del> |              | <del> </del> - | <del> </del> -                                   | -        | <del></del> -                                    |                | <del></del> |          | i        | <del>                                     </del> |          | •               | 62        |
|     | 2/ 21          |            |                                                  | l                                                |                                                  |         | l                                                |              | ł            |              |                |                                                  |          |                                                  | 1              |             |          |          |                                                  |          |                 | 42        |
|     | 0/ 19          |            |                                                  |                                                  | <del>                                     </del> | <b></b> | <del> </del>                                     |              |              |              | $\vdash$       | <del>                                     </del> |          | <del>                                     </del> |                |             |          |          | 1                                                |          |                 | 34        |
| -   | 8/ 17          |            |                                                  |                                                  |                                                  | ļ       |                                                  |              |              |              |                |                                                  |          |                                                  |                |             |          |          |                                                  |          |                 | 17        |
|     | 6/ 15          |            | <del>                                     </del> | i                                                |                                                  |         |                                                  | 1            | 1            |              |                | 1                                                |          |                                                  | <del> </del>   |             |          |          |                                                  |          |                 | 16        |
| 1   | 4/ 13          |            | ļ                                                |                                                  | j                                                |         |                                                  |              |              |              |                |                                                  | I        | L                                                | <u> </u>       |             |          |          | 1                                                |          |                 | 9         |
|     | ement (X)      |            | ZX2                                              |                                                  |                                                  | Σχ      |                                                  | X            | o x          |              | No. 01         | os.                                              |          |                                                  |                | Mean t      | lo. of H | ours wit | h Tempera                                        | ure      |                 |           |
| Re  | I. Hum.        |            |                                                  |                                                  |                                                  |         |                                                  |              |              |              |                |                                                  | ≰ 0      | F                                                | ≤ 32 F         | ≥ 67        | F        | 73 F     | ≥ 80 F                                           | ≥ 93 F   |                 | Total     |
| Dr  | y Bulb         |            |                                                  |                                                  |                                                  |         |                                                  |              |              |              |                |                                                  |          |                                                  |                |             |          |          |                                                  |          |                 |           |
| I   | et Bulb        |            |                                                  |                                                  |                                                  |         |                                                  |              |              |              |                |                                                  |          |                                                  |                |             |          |          | <u> </u>                                         |          |                 |           |
| De  | ew Point       |            |                                                  |                                                  |                                                  |         |                                                  |              | <u> </u>     |              |                |                                                  |          |                                                  |                | <u> </u>    |          |          | <u> </u>                                         | J        |                 |           |

#### PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

2.3

≥ 80 F ≥ 93 F

43

93

93

≥ 67 F ≥ 73 F

21.0

5,9

MAR

RANDOLPH AFB TEXAS/SAN ANTONIU 39-45,47-75 MONTH 2100-2300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 12/ 11 10/ 9 8/ 2 6/ TOTAL 3250 1.916.925.317.612.811.6 5.9 3.2 3249 3240 3249

No. Obs.

3249

3249

3249

3250

± 0 F

≤ 32 F

1.5

67.419.892 58.9 8.944 52.9 9.629 47.013.458

219044

191415

171837

152719

FORM ARE OBSOLETE THIS PREVIOUS EDITIONS OF 7 ಠ 0-26-3

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dow Point

ZX2

16052920 11537025

9389467

7764821

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 39-45,47-75 0000-0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 80/ 79 78/ 77 76/ 75 • 0 51 51 • 0 74/ 73 .1 3.3 4.0 .8 5.5 6.4 72/ 71 21 1.1 297 297 92 70/ 468 460 375 296 188 69 5.1 451 ١٤٥ 68, 67 4.2 378 16/ 65 3.7 4.2 348 348 341 407 • 6 • 8 2.1 64/ 63 3.8 292 292 310 346 62/ 61 251 272 250 263 60/ 59 1.8 1.2 1.0 224 170 213 1.5 224 58/ 57 217 194 171 56/ 55 1.0 150 150 196 146 54/ 53 139 139 168 125 52/ 51 105 105 177 148 50/ 49 • 0 63 63 53 48/ 47 132 88 .6 • 0 53 94 44/ 43 21 78 • 0 21 125 <u>23</u> 19 51 40/ 39 19 40 91 • 3 • 1 57 71 38/ 37 36/ 34/ 33 60 32/ 31 50 30/ 29 28/ 27 24 7 26/ 25 24/ 23 15 22/ 21 8 20/ 19 18/ 17 5 16/ 15

≤ 0 F

≤ 32 F

X

RM 0-26-3 (OL A) PREVICUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM

Element (X)

Rel. Hum.
Dry Bulb
Wet Bulb
Dew Point

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477.5432

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| 1                                                |          |                                                  |                                                  | ,                                                |          |            |                      |            |            |             |             | <u>·</u>  |               |                                                  |                                                  |                                                  |                                                  | ]                                                |          | IOIAL    |             | •   |
|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|------------|----------------------|------------|------------|-------------|-------------|-----------|---------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|----------|-------------|-----|
| (F) [                                            | 0        | 1 - 2                                            | 3 - 4                                            | 5 - 6                                            | 7 - 8    | 9 - 10     | 11 - 12              | 13 - 14    | 15 - 16    | 17 - 18     | 19 - 20     | 21 - 22   | 23 - 24       | 23 - 26                                          | 27 - 28                                          | 29 - 30                                          | ≥ 31                                             | D.B./W.B.                                        | Dry Bulb | Wet Bulb | Dew Point   | l   |
| TOTAL                                            | 3.1      | 32.5                                             | 33.3                                             | 13.0                                             | 7.2      | 5.7        | 2.6                  | 1.3        | - 7        | - 3         | . 1         | . 1       | -0            | <del>                                     </del> | 1                                                | <del> </del>                                     | †                                                |                                                  | 3307     |          | Dew Point   | ı   |
|                                                  |          | [                                                | [                                                |                                                  | ' -      |            | - 1                  | - • •      | • •        | ••          |             | 1 1       | "`            | t                                                | l                                                | 1                                                |                                                  | 3306                                             | , , ,    | 3305     | 13 /3       | Ĺ   |
| l                                                |          |                                                  | ├                                                | <del> </del>                                     |          |            |                      |            |            |             |             |           |               | ļ                                                | ļ                                                | <del>                                     </del> | <del> </del>                                     | 2300                                             |          | 2200     |             | ١,  |
| l i                                              |          | ł                                                | l                                                | ŧ                                                | Ì        |            | 1                    |            |            | 1           |             |           | i             | İ                                                | ì                                                |                                                  |                                                  |                                                  |          | Ì        | l l         | 1 } |
|                                                  |          | ļ                                                | 1                                                | l                                                |          | İ          |                      |            |            |             | Į.          |           | (             |                                                  | l                                                |                                                  | 1                                                |                                                  |          |          |             | 3   |
| i i                                              |          |                                                  |                                                  | 1                                                |          |            |                      |            |            |             |             |           |               |                                                  | i                                                | <del> </del>                                     | 1                                                |                                                  |          |          |             | ,   |
|                                                  |          | ļ                                                |                                                  |                                                  |          |            |                      |            |            |             |             | •         | İ             |                                                  |                                                  |                                                  | ŀ                                                |                                                  |          |          |             | Ι΄  |
| <del></del>                                      |          | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |          |            |                      |            |            | <del></del> |             |           |               | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |                                                  |          |          |             | 1   |
|                                                  |          | 1                                                |                                                  |                                                  |          |            | !                    |            |            |             |             |           | l             |                                                  |                                                  |                                                  | 1                                                |                                                  | ĺ        |          |             | 1   |
|                                                  |          |                                                  |                                                  | <u> </u>                                         |          |            |                      |            |            | l           |             |           |               | <u> </u>                                         |                                                  |                                                  | ł                                                |                                                  |          |          |             | 1   |
|                                                  |          |                                                  |                                                  |                                                  |          |            |                      |            |            |             |             |           |               |                                                  |                                                  |                                                  |                                                  |                                                  |          |          |             | l   |
|                                                  |          | l                                                |                                                  |                                                  |          |            | }                    |            |            |             |             |           |               | l                                                | l                                                |                                                  | İ                                                |                                                  |          |          |             | Į.  |
| <del>   </del>                                   |          | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |          |            |                      |            |            |             |             |           | <del></del>   | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     |                                                  |          |          |             | ١.  |
| 1                                                |          | i                                                | 1                                                |                                                  |          |            |                      |            |            | i           |             |           | ļ             | 1                                                | ì                                                | 1                                                |                                                  |                                                  | ]        |          | ļ i         | 1 3 |
| <u> </u>                                         |          |                                                  | <b>└</b>                                         |                                                  |          |            |                      |            |            |             |             |           |               |                                                  |                                                  |                                                  |                                                  |                                                  |          |          |             | 1   |
| ]                                                |          | 1                                                | ĺ                                                |                                                  |          |            | 1 1                  |            |            | •           | 1           |           |               |                                                  |                                                  |                                                  | 1                                                |                                                  |          |          |             | L.  |
|                                                  |          | i                                                |                                                  |                                                  |          |            |                      |            |            |             |             |           | ŀ             | Ì                                                |                                                  | 1                                                |                                                  | 1                                                |          |          |             | 13  |
| <del>     </del>                                 |          |                                                  | <del>                                     </del> | <del>                                     </del> |          |            |                      |            |            |             |             |           |               | <del></del>                                      | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |                                                  |          |          |             | ı   |
|                                                  |          | l                                                |                                                  |                                                  |          |            |                      |            |            | <b>:</b>    |             |           | 1             | 1                                                | 1                                                |                                                  |                                                  |                                                  |          |          | !           | L   |
| <b></b>                                          |          | <del>  -</del>                                   | <del> </del>                                     | <del></del>                                      |          |            |                      |            | ļ <u>.</u> |             | ļ           |           |               | ļ                                                | <del> </del>                                     | <u> </u>                                         | ļ                                                | <u> </u>                                         |          |          |             | ľ   |
| 1                                                |          | l                                                |                                                  |                                                  |          |            |                      |            |            | l :         |             | l         |               | 1                                                | 1                                                |                                                  |                                                  | }                                                |          |          | 1           | İ   |
|                                                  |          | ļ                                                |                                                  |                                                  |          |            |                      |            |            |             |             |           | ļ             |                                                  | 1                                                |                                                  | ļ                                                |                                                  |          |          |             |     |
|                                                  |          | l                                                |                                                  |                                                  |          |            |                      |            |            | Γ           | **          |           |               |                                                  | 1                                                | <b></b>                                          |                                                  | <del></del>                                      |          |          |             | 1   |
| ]                                                |          | ŀ                                                |                                                  |                                                  |          |            |                      |            | }          |             |             | [         | i             | l                                                | i                                                |                                                  | l                                                |                                                  | 1        |          |             |     |
| <del> </del>                                     |          | <del> </del>                                     |                                                  | <del></del>                                      |          |            |                      |            |            | ——·         |             |           |               | <del> </del>                                     | <del>                                     </del> |                                                  | <del> </del>                                     |                                                  |          |          |             | 1   |
| <b>!</b>                                         |          | l                                                | 1                                                | İ                                                |          |            |                      |            |            | 1           | ł           |           |               | i                                                | 1                                                |                                                  | 1                                                | 1                                                |          |          |             | !   |
|                                                  |          |                                                  |                                                  | L                                                |          |            |                      |            |            |             |             |           |               |                                                  | <u> </u>                                         |                                                  |                                                  |                                                  |          |          |             | ١,  |
|                                                  |          | 1                                                | 1                                                | 1                                                |          |            |                      |            |            | 1           | !           |           |               |                                                  |                                                  |                                                  | 1                                                |                                                  |          |          |             | ĺ   |
| }                                                |          | l                                                |                                                  |                                                  |          |            |                      |            |            | 1           |             |           |               | l                                                | 1                                                |                                                  | 1                                                |                                                  |          |          |             | ı   |
| l                                                |          | l                                                | <del>                                     </del> | t —                                              |          |            |                      |            |            |             |             |           |               | <del> </del>                                     | <del> </del>                                     | <del> </del> -                                   | <del> </del>                                     |                                                  |          |          |             | ĺ   |
|                                                  |          | l                                                |                                                  |                                                  |          |            |                      |            |            |             |             | ŀ         |               | l                                                | 1                                                |                                                  | İ                                                |                                                  |          |          |             | l   |
| <u> </u>                                         |          | <u> </u>                                         | <u> </u>                                         | <del> </del>                                     |          |            | ļ                    |            |            |             |             |           |               | <u> </u>                                         | ļ                                                | <u> </u>                                         |                                                  |                                                  |          |          |             | ı   |
| <b>i</b> 1                                       |          |                                                  |                                                  |                                                  |          |            |                      |            |            | l :         |             |           | ŀ             | 1                                                | 1                                                | ł                                                | 1                                                |                                                  |          |          |             | ŀ   |
| <u> </u>                                         |          | l                                                |                                                  | 1                                                |          |            | ļ                    |            |            |             |             |           | l             | 1                                                | 1                                                | ļ                                                | ļ                                                | 1 1                                              |          |          |             | 1   |
|                                                  |          | l                                                | T                                                | Ĭ                                                |          |            |                      |            |            |             |             |           |               |                                                  |                                                  |                                                  | İ                                                |                                                  |          |          |             | ١   |
| 1                                                |          |                                                  | 1                                                |                                                  |          |            |                      |            |            | <b>i</b> '  |             |           |               | ]                                                | 1                                                | 1                                                | 1                                                |                                                  |          |          |             | ı   |
| <del>                                     </del> |          | <b> </b>                                         | <del>                                     </del> | <del>                                     </del> | <b>-</b> |            | <b></b>              |            |            | <u> </u>    |             | <b></b> - | <b> </b>      | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |          |          | <del></del> | 1   |
| [                                                |          | ]                                                | i                                                | 1                                                |          |            |                      |            |            |             |             |           | ł             |                                                  | 1                                                |                                                  |                                                  |                                                  |          |          |             | l   |
|                                                  |          |                                                  |                                                  |                                                  |          |            | L                    |            |            |             |             |           |               |                                                  | <u> </u>                                         |                                                  | L                                                |                                                  |          |          |             |     |
|                                                  |          | 1                                                |                                                  | 1                                                |          |            |                      |            |            |             |             |           |               |                                                  |                                                  |                                                  | 1                                                |                                                  |          |          |             | 1   |
| j l                                              |          | l                                                | ł                                                | 1                                                |          | ŀ          |                      |            |            | l           |             |           |               |                                                  | 1                                                | ,                                                | ĺ                                                |                                                  |          |          |             | 1   |
| Element (X)                                      |          | Z <sub>X</sub> 2                                 |                                                  | <del> </del>                                     | ZX       |            | X                    | <b>₽</b> χ | <u> </u>   | No. Ob      | . 1         | h         | l             |                                                  | Muor                                             | No of P                                          | l<br>auga mila                                   | h Temperat                                       |          |          |             | ı   |
|                                                  |          |                                                  | 0704                                             | <del> </del>                                     | 7 K A A  | 10         | 70 0                 | 14 0       | 22         |             |             |           | _ 1           | <del></del>                                      |                                                  |                                                  |                                                  |                                                  |          |          |             | 1   |
| Rel. Hum.                                        |          | 4100                                             | 0786                                             | ļ                                                | 2003     | <u>+ U</u> | 78.8<br>63.2<br>59.1 | 10.0       | <u> </u>   | 23          | <u>05</u>   | ± 0 1     | F :           | ≤ 32 F                                           | ≥ 67                                             | F                                                | 73 F                                             | ≥ 80 F                                           | ≥ 93 (   | F        | Total       | 1   |
| Dry Bulb                                         | <u>.</u> | 1340                                             | 6873<br>8016                                     |                                                  | 2090     | 29         | 63.2                 | 7.6        | 71         | 33          | <u>07  </u> |           | L_            |                                                  | 36                                               | . 8                                              | 5,7                                              | <u></u>                                          |          |          | 90          |     |
| Wet Bulb                                         |          | 1181                                             | 8016                                             |                                                  | 1955     | 4 C        | 59.1                 | 8.7        | 39         | 33          | 06          |           | $\neg \vdash$ | • 2                                              | 22                                               | . 8                                              |                                                  | T                                                | T -      | 1        | 90          | ١   |
| Dew Point                                        |          | 1077                                             | 2344                                             |                                                  | 1849     | 16         | 56.0                 | 11.3       | 58         |             | 05          |           | _             | 3.4                                              | 14                                               | •4                                               |                                                  | <del>                                     </del> |          |          | 90          |     |
|                                                  |          |                                                  |                                                  |                                                  |          |            |                      |            |            |             |             |           |               |                                                  |                                                  |                                                  |                                                  |                                                  |          |          |             |     |

## **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTUNIO 39-45,47-75

STATION STATION NAME

PAGE 1 300-0500 HOURS (L. S. T.)

| Temp.            |     |          |       |       |                |             |         | TEMPER    |             |              |         |         |               |          |             |          |              | TOTAL                                            |             | TOTAL    |           |
|------------------|-----|----------|-------|-------|----------------|-------------|---------|-----------|-------------|--------------|---------|---------|---------------|----------|-------------|----------|--------------|--------------------------------------------------|-------------|----------|-----------|
| (F)              | 0   | 1 - 2    | 3 - 4 | 5 - 6 | 7 - 8          | 9 - 10      | 11 - 12 | 13 - 14   | 15 - 16     | 17 - 18      | 19 - 20 | 21 - 22 | 23 - 24       | 25 - 26  | 27 - 28     | 29 - 30  | ≥ 31         | D.B./W.B.                                        | Dry Bulb    | Wet Bulb | Dew Point |
| 78/ 77           |     |          |       |       | • 2            |             |         |           |             |              |         |         |               | ·        |             |          |              | 5                                                |             |          |           |
| 76/ 75           |     |          | . i   | • 4   | • 3            |             |         |           |             |              |         | • 0     |               | <u> </u> |             |          | 1            | 25                                               |             |          |           |
| 74/ 73           |     | • 4      | 1.4   | • 8   |                |             |         |           |             |              |         |         |               |          |             |          |              | 87                                               |             | 1        | 1         |
| 72/ 71           | . 3 |          | 3.3   | • 5   | • 0            |             |         | • 0       |             | .1           | .0      |         |               |          |             |          |              | 235                                              | 235         | 51       | 22        |
| 70/ 69           | . 8 | 6.5      | 4.9   | . 5   |                |             | •0      |           | •0          | .0           | • 0     |         |               |          |             |          |              | 430                                              | 430         | 260      | 139       |
| 68/ 67           | . 9 |          | 3.2   | . 4   |                | • 1         | • 2     |           |             |              | . 1     |         |               |          |             |          |              | 358                                              |             | 423      |           |
| 66/ 65           | • 7 |          |       | . 8   | • 2            | • 2         | • 2     | •0        | • 1         |              | • 0     |         |               |          |             |          |              | 345                                              | 345         | 357      | 391       |
| 64/ 63           | .7  | 4.3      | 1.8   | 5     | • 2            | _ • 5       | .1      | •0        | • 1         |              |         |         |               |          |             |          |              | 272                                              | 272         | 285      |           |
| 62/ 61           | . 6 |          |       |       |                |             | • 3     |           | • 1         | i            |         |         |               |          |             |          |              | 235                                              |             | 273      | 277       |
| 60/ 59           | • 4 |          |       | • 5   |                | .3          | • 4     | .1        |             |              |         |         |               |          |             |          |              | 235                                              | 235         | 2.22     | 209       |
| 58/ 57           | • 3 | 2.5      | 1.1   | 8.    | . 8            | • 5         | . 3     | • 2       |             |              |         |         |               |          |             |          | -            | 214                                              | 214         | 181      | 197       |
| 56/ 55           | . 2 |          |       |       |                | .4          | . 1     |           |             |              |         |         |               |          |             |          |              | 136                                              | 186         | 167      |           |
| 54/ 53           | • 1 |          |       | • 8   |                |             |         |           |             |              |         | ĺ       |               |          |             |          |              | 169                                              | 169         | 151      | 130       |
| 52/ 51           | . 2 |          |       | •6    |                |             |         | •0        |             |              |         |         |               |          |             |          | ļ            | 119                                              | 119         | 149      |           |
| 50/ 49           |     | 1.1      | • 8   | • 9   |                |             |         |           |             |              |         |         |               |          |             |          |              | 120                                              | 120         | 155      |           |
| 48/ 47           | • 0 |          |       | • 5   | .4             |             | •0      |           |             |              |         |         |               |          |             |          |              | 71                                               | 71          | 182      |           |
| 46/ 45           |     | .6       |       | • 4   | • 1            | •0          |         |           |             | İ            |         |         |               |          |             |          |              | 57                                               | 57          | 129      |           |
| 44/ 43           |     | . 2      | • 5   | • 3   | • 1            | •0          |         |           |             |              |         |         |               |          |             |          | ļ            | 36                                               |             | 90       |           |
| 42/ 41           | • 1 |          | • 3   | • 2   | • 1            | • 0         |         |           |             | ł            |         |         |               |          |             |          | ļ            | 36                                               |             | 70       |           |
| 40/ 39           |     | • 2      |       |       |                |             |         |           |             |              |         |         |               |          |             |          | ļ            | 20                                               |             | 59       |           |
| 38/ 37           |     | • 3      |       | • 1   |                |             |         | ļ         |             |              |         |         |               |          | i l         |          | ]            | 25                                               | 27          | 33       |           |
| 36/ 35           |     | • 2      |       | • 1   | •1             |             |         |           |             |              |         |         |               |          |             |          |              | 16                                               | <del></del> |          |           |
| 34/ 33           |     |          | • 1   |       |                |             |         |           |             |              |         |         |               | i        |             |          |              | 2                                                | 2           | 18       |           |
| 32/ 31           |     |          |       |       |                |             |         |           |             |              |         |         |               |          |             |          | ļ            |                                                  | <b> </b>    | 9        |           |
| 30/ 29           |     |          |       |       |                |             |         |           |             |              |         |         |               |          |             |          |              |                                                  | 1 1         | 5        |           |
| 28/ 27           |     |          |       |       |                |             |         |           |             | <u> </u>     |         |         |               | <u> </u> |             |          | <del> </del> |                                                  | <b>├</b>    | 1        | 16        |
| 26/ 25           |     | <b>!</b> |       |       |                |             |         |           |             |              | i       |         |               |          |             |          | i            |                                                  | i           |          | 11        |
| 24/ 23           |     |          |       |       |                |             |         |           |             |              |         |         |               |          |             |          | <del> </del> |                                                  | <b>├</b>    |          | 11        |
| 22/ 21<br>20/ 19 |     | }        |       |       |                |             |         |           |             |              |         |         |               |          |             |          |              |                                                  | i i         |          | 9         |
| 18/ 17           |     |          |       |       |                |             |         | <b></b>   |             | ├            |         |         |               |          | <u> </u>    |          | <del></del>  |                                                  | <b>  </b>   |          | 5         |
| 16/ 15           |     |          |       |       |                |             |         |           |             |              |         |         |               |          |             |          |              |                                                  | <u> </u>    |          | 3         |
| 14/ 13           |     |          |       |       |                |             |         |           |             | <del> </del> |         |         |               | <b> </b> |             |          |              | <b> </b>                                         |             |          | 2         |
| 47/ 13           |     |          |       |       |                |             |         |           |             |              |         |         |               |          |             |          |              |                                                  |             |          | 1         |
| Element (X)      |     | Σχ²      | L     |       | z <sub>X</sub> | <del></del> | X       | ₹,        | <del></del> | No. Ob       | s. I    | L       |               | L        | Mean N      | lo. of H | ours with    | h Temperat                                       | i           |          | ·         |
| Rel. Hum.        |     |          |       |       |                | _           |         | ├ <u></u> | $\dashv$    |              |         | ± 0 ₽   |               | 32 F     | ≥ 67        |          | 73 F         | ≥ 80 F                                           | ≥ 93 F      |          | Total     |
| Dry Bulb         |     |          |       |       |                | _           |         |           |             |              |         |         |               |          | <del></del> | $\dashv$ |              | 1                                                | 1           | -        |           |
| Wet Bulb         |     |          | ,     |       |                | _           |         |           |             |              | +       |         | $\neg$        |          |             |          |              |                                                  | 1           | -        |           |
| Dew Point        |     |          |       |       |                |             |         |           | $\dashv$    |              | -       |         | $\neg \vdash$ |          |             | _†_      |              | <del>                                     </del> | <del></del> |          |           |
| ·                |     |          |       |       |                |             |         |           |             |              |         |         |               |          | ·           |          |              | <del> </del>                                     |             |          |           |

USAFETAC FORM ARE OBSOLETE

9477 54321

FORM 10-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

O D

## **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AF8 TEXAS/SAN ANTONIO 38-45.47-75

STATION

STATION

PAGE 2 U3(0-0570 Hours (c. s. τ.))

|     |          |                                                  |                                                  |                                                  | WET                                              | BULB 1                                                                                                                                                                                                                                                                                                        | PEMPER                                                                                   | ATURE                                                             | DEPRE                                                                       | SSION (                                                                                                                              | F)                                                                                            |       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| 0   | 1 - 2    | 3 - 4                                            | 5 - 6                                            | 7 - 8                                            | 9 - 10                                           | 11 - 12                                                                                                                                                                                                                                                                                                       | 13 - 14                                                                                  | 15 - 16                                                           | 17 - 18                                                                     | 19 - 20                                                                                                                              | 21 - 22                                                                                       | 23 - 24                                    | 25 - 26                                                                                                                                          | 27 - 28                                                                                                                                                                                                                                              | 29 - 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                                                                                           | Dew Point                                                                                                                                                                                           |
| 5.2 | 42.7     | 28.1                                             | 11.0                                             | 6.7                                              | 3.0                                              | 1.8                                                                                                                                                                                                                                                                                                           | • 7                                                                                      | • 3                                                               | •1                                                                          | • 2                                                                                                                                  | • 0                                                                                           |       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                                                                                          | Total                                                                                                                                                                                               |
|     |          |                                                  | <del> </del>                                     | 2031                                             | 90                                               | 61.6                                                                                                                                                                                                                                                                                                          | 8.3                                                                                      | 93                                                                |                                                                             |                                                                                                                                      |                                                                                               | -                                          | - 31 1                                                                                                                                           |                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                                                                                                                                        |                                                                                                                                                                                                                                                           | 90                                                                                                                                                                                                  |
|     | 1145     | 2194                                             | ├                                                | 1915                                             | 50                                               | 58.2                                                                                                                                                                                                                                                                                                          | 9.3                                                                                      | 75                                                                | -33                                                                         | 00                                                                                                                                   |                                                                                               |                                            |                                                                                                                                                  |                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                          | -+-                                                                                                                                                                                                                                                       | 90                                                                                                                                                                                                  |
|     | 1059     | 1734                                             |                                                  |                                                  | 64                                               | 55 4                                                                                                                                                                                                                                                                                                          | 11 6                                                                                     | 77                                                                |                                                                             |                                                                                                                                      |                                                                                               |                                            |                                                                                                                                                  |                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <del> </del>                                                                                                                                                                             |                                                                                                                                                                                                                                                           | 90                                                                                                                                                                                                  |
|     | 5.2      | 5.242.7                                          | z <sub>x</sub> , 22739852 12739626 11452196      | 5,242.728.111.0                                  | 5.242.728.111.0 6.7  2x'                         | 0 1-2 3-4 5-6 7-8 9-10 5.242.728.111.0 6.7 3.0  2 2 3 3 4 5 6 7 8 9-10  3 2 4 2 6 7 8 9-10  3 3 0 6 7 8 9-10  4 1 1 1 0 6 7 3.0  4 1 1 1 0 6 7 3.0  4 1 1 1 0 6 7 3.0  4 1 1 1 0 6 7 3.0  4 1 1 1 0 6 7 3.0  4 1 1 1 0 6 7 3.0  4 1 1 1 0 6 7 3.0  4 1 1 1 1 0 6 7 3.0  4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 1-2 3-4 5-6 7-8 9-10 11-12 5.242.728.111.0 6.7 3.0 1.8  2 2 3 3 4 5 5 6 7-8 9-10 11-12 | 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 5.242.728.111.0 6.7 3.0 1.8 .7 | 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 5.242.728.1 11.0 6.7 3.0 1.8 .7 .3 | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 5 2 42 7 28 1 1 1 0 0 6 7 3 0 0 1 8 7 3 0 1 8 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 5.242.728.111.0 6.7 3.0 1.8 .7 .3 .1 .2 .2 | 5.242.728.111.0 6.7 3.0 1.8 .7 .3 .1 .2 .0 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 2 7 28 1 11 1 0 6 7 3 0 1 8 7 3 0 1 8 7 3 1 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 1-2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 5.2 42.7 28.1 11.0 6.7 3.0 1.8 7.3 7.3 7.1 2.2 0.0 21.22 23.24 25.26 269266 81,6 15.203 32.99 2.0 F 232 F 12739626 203190 61.6 8.393 33.01 1.452196 191950 58.2 9.275 32.99 4.4 | 1-2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.26 5.2 42.7 28.1 11.0 6.7 3.0 1.8 7.7 3.3 1.2 7.0 1.8 7.7 3.0 1.8 7.7 3.3 1.0 2 7.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7.7 3.0 1.8 7. | 1.2 3.4 5.6 7.8 9.10 11.12 3.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.3 5.2 42.7 28.1 11.0 6.7 3.0 1.8 77 .3 .1 .2 .0 | 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 31.1 3.2 42.728 111.0 6.7 3.0 1.8 7.7 3.3 1.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 0.0 24.2.2 23.24 25.26 27.28 29.30 31.1 32.2 23.24 25.26 27.28 29.30 31.1 32.2 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.24 25.26 27.28 29.30 32.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 23.20 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1.2 0.0 21.22 23.24 25.26 27.28 27.30 23.1 0.8.44.5. pp Bulb 32.99 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0 | 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-16 17-16 17-16 17-16 23-24 25-26 27-26 27-20 31 0.8-78.5 psub Men Bulb 5-242.7 [28-1] 11-0 6-7 3.0 1.6 -7 3.3 1.2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

## **PSYCHROMETRIC SUMMARY**

12911 5 ATION HTHOM RA 4DOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75 J607-7000 HOURS (L S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F)

| Temp.         |                                                  |              |                                                  |                |                                                  | WET                                              | BULB            | PEMPER                                           | ATURE        | DEPRE                                            | SSION (        | F)           |               |                |                                                  |          |                | TOTAL                                             |                                                  | TOTAL          |             |
|---------------|--------------------------------------------------|--------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------------------------------------------|-----------------|--------------------------------------------------|--------------|--------------------------------------------------|----------------|--------------|---------------|----------------|--------------------------------------------------|----------|----------------|---------------------------------------------------|--------------------------------------------------|----------------|-------------|
| (F)           | 0                                                | 1 - 2        | 3 - 4                                            | 5 - 6          | 7 - 8                                            | 9 - 10                                           | 11 - 12         | 13 - 14                                          | 15 - 16      | 17 - 18                                          | 19 - 20        | 21 - 22      | 23 . 24       | 25 - 26        | 27 - 28                                          | 29 - 30  | ≥ 31           | D.B./W.B.                                         | Dry Bulb                                         | Wet Bulb       | Dew Point   |
| 80/ 79        |                                                  |              |                                                  |                |                                                  | • 1                                              |                 |                                                  |              |                                                  |                |              |               |                | 1                                                |          |                | 5                                                 | 2                                                | į              |             |
| 78/ 77        |                                                  |              |                                                  | .0             | i .3                                             | • 1                                              |                 |                                                  |              | Į                                                |                |              | • ∪           |                |                                                  |          |                | 13                                                | 13                                               |                |             |
| 76/ 75        |                                                  | • C          | . 2                                              | .7             | • 1                                              |                                                  |                 | • 2                                              |              | .0                                               |                | • 0          |               |                |                                                  |          |                | 35                                                | 35                                               |                |             |
| 74/ 73        |                                                  | . 5          | 1.8                                              | 1.0            | • 2                                              | •0                                               | •0              |                                                  | İ            | ļ                                                |                |              |               |                |                                                  |          |                | 118                                               | 118                                              | 2              |             |
| 72/ 71        | • 1                                              | 3.6          | 4.2                                              | 1.2            |                                                  |                                                  |                 |                                                  | •0           |                                                  | •0             |              |               |                |                                                  |          |                | 30 <sup>8</sup>                                   | 308                                              | 67             |             |
| 70/ 69        | . 4                                              |              | 4.0                                              |                |                                                  |                                                  |                 | •1                                               | .1           | ່ . ບ                                            | .0             | 1            |               |                |                                                  |          |                | 404                                               | 4114                                             | 2 3 5          | 151         |
| 68/ 67        | •7                                               | 5.1          | 3.2                                              |                |                                                  |                                                  |                 |                                                  |              |                                                  | .0             |              |               |                |                                                  |          |                | 341                                               | 341                                              | 437            | 365         |
| 66/ 65        | • 3                                              | 5.1          | 2.8                                              | . 8            |                                                  |                                                  | • 2             | <u>•</u> 1                                       | .0           | .2                                               | -1             |              |               |                |                                                  |          |                | 359                                               | 353                                              | 365            |             |
| 64/ 63        | • 5                                              |              |                                                  | • 7            |                                                  | • 5                                              |                 |                                                  | • C          |                                                  |                |              |               |                |                                                  |          |                | 257                                               | 237                                              | 283            | 335         |
| 62/ 61        | . 3                                              | 3.5          |                                                  | .7             | .6                                               | .3                                               | .5              |                                                  |              | <u> </u>                                         | Ì              |              |               |                |                                                  |          |                | 248                                               | 246                                              | 273            | 279         |
| 60/ 59        | • 5                                              | 2.4          | .9                                               | • 8            |                                                  |                                                  | . 3             | • 3                                              | .0           |                                                  |                |              |               |                |                                                  |          |                | 215                                               | 215                                              | 503            | 234         |
| 58/ 57        | . 3                                              | 2.3          | 1.1                                              | 1.1            |                                                  | . 7                                              | .4              | • 1                                              |              |                                                  |                |              |               |                |                                                  |          |                | 222                                               | 672                                              | 154            | 172         |
| 56/ 55        | • 1                                              | 1.7          | • 9                                              | •9             | . 9                                              | • 4                                              |                 |                                                  |              |                                                  |                |              |               |                |                                                  |          |                | 166                                               | 166                                              | 179            | 136         |
| 54/ 53        | • 2                                              | 1.1          | •9                                               |                |                                                  |                                                  | • 3             | • 1                                              |              | <u> </u>                                         | <u></u>        |              |               |                |                                                  |          |                | 152                                               | 152                                              | 163            | 118         |
| 52/ 51        | • 1                                              | • 6          |                                                  |                |                                                  | • 2                                              | . 1             | • 0                                              |              | 1                                                |                |              |               |                |                                                  |          |                | 108                                               | 108                                              | 151            | 110         |
| 50/ 49        | • 0                                              |              |                                                  |                |                                                  |                                                  |                 |                                                  |              |                                                  |                |              |               |                |                                                  |          |                | 104                                               | <del></del>                                      | 160            | 106         |
| 48/ 47        | • 0                                              | • 5          | .5                                               | .6             |                                                  |                                                  |                 |                                                  |              | 1                                                |                |              |               | i              |                                                  |          |                | 68                                                |                                                  | 157            | 110         |
| 46/ 4:        |                                                  | .4           |                                                  |                |                                                  |                                                  |                 | <u> </u>                                         |              | <u> </u>                                         | <u> </u>       |              |               |                |                                                  |          |                | 48                                                | 48                                               | 117            | 1/18        |
| 44/ 43        | • 0                                              |              |                                                  |                |                                                  |                                                  | İ               | i                                                |              | 1                                                |                |              |               |                | i 1                                              |          |                | 30                                                | 30                                               | 95             | 107         |
| 42/ 41.       | 0                                                | .4           | . 2                                              |                | 0                                                |                                                  | <u> </u>        |                                                  |              | <u> </u>                                         | <u> </u>       |              |               | <u> </u>       |                                                  |          |                | 26                                                | 26                                               | 72             | 86          |
| 40/ 30        |                                                  | . 3          |                                                  |                |                                                  | . • 0                                            | i i             | ļ                                                | ļ            | Į.                                               | 1              |              |               |                |                                                  |          |                | 27                                                | 27                                               | 47             | 108         |
| 38/ 3"        |                                                  | • 2          |                                                  | • 1            |                                                  | <del> </del>                                     | <u> </u>        | <u> </u>                                         |              | <b></b>                                          | <u> </u>       |              |               | <b> </b> -     | ├                                                |          |                | 12                                                |                                                  | 30             |             |
| 36/ 35        |                                                  | • 1          | .0                                               | 1              | ·                                                | <b>\</b>                                         | ļ.              | 1                                                | Į.           | <b>l</b>                                         | 1              | <b>,</b>     |               | <b>!</b>       | <b>!</b> !                                       |          | 1              | 6                                                 |                                                  |                |             |
| 34/ 32        |                                                  | <u>0</u>     | • 1                                              | <del> </del> - | <del> </del>                                     | <del> </del>                                     | <del>├</del>    | <del> </del>                                     | <del> </del> | <del>                                     </del> | <del> </del>   | ļ            |               | <del> </del>   |                                                  |          | <del> </del>   | <del>                                      </del> | 5                                                | 12             | رم<br>31    |
| 32/ 31        |                                                  | ļ            |                                                  |                |                                                  |                                                  |                 |                                                  |              |                                                  | İ              |              |               | 1              |                                                  |          |                |                                                   |                                                  | 7              |             |
| 30/ 29        | ļ <u>.</u>                                       | <u> </u>     | <del>                                     </del> |                | <b>├</b> ──                                      | <del> </del>                                     | <del>├</del> ── | <del> </del> -                                   | ├            | ├──                                              | <del> </del>   | <b>!</b>     |               |                |                                                  |          |                | <del> </del>                                      | <del></del>                                      |                | 25          |
| 28/ 27        |                                                  | 1            | <b>\</b>                                         | }              | 1                                                | 1                                                | 1               | 1                                                | 1            | 1                                                |                |              | 1             | 1              | ¦                                                |          | 1              | i                                                 |                                                  | . 1            | 14          |
| 26/ 25        | <u> </u>                                         | <del> </del> | ļ                                                | <del> </del>   | <del>                                     </del> | <del> </del>                                     | <del> </del>    |                                                  | ├            |                                                  |                |              | <del> </del>  | <del> </del>   | <del>  </del>                                    |          | <del> </del> - | <del> </del> -                                    | <del>                                     </del> | , <sup>\</sup> | 8           |
|               |                                                  |              |                                                  |                | 1                                                |                                                  |                 |                                                  |              |                                                  |                |              |               |                |                                                  |          |                |                                                   | i                                                |                | 7           |
| 22/ 21 20/ 19 | <del></del>                                      | <del> </del> |                                                  | <del> </del>   |                                                  | <del> </del>                                     | ' <del>-</del>  | <del> </del>                                     | <del> </del> | <del> </del>                                     |                | <del> </del> |               | <del> </del> - | <del>                                     </del> |          |                | <del> </del>                                      |                                                  |                | 16          |
|               |                                                  | i            |                                                  | 1              | 1                                                |                                                  |                 | }                                                |              | 1                                                |                |              | ,             | 1              | 1                                                |          | \              | 1                                                 | 1 1                                              | !              | 20          |
| 18/ 17        | <u> </u>                                         | <del> </del> | <del>                                     </del> | <del> </del>   | <del> </del>                                     | +                                                | ┼──             | <del> </del>                                     | <del> </del> | -                                                | <del> </del> - | <del> </del> |               |                |                                                  |          | <del> </del>   | <del> </del>                                      | <del></del>                                      | j              | 2           |
| 10, 10        |                                                  |              |                                                  |                | İ                                                |                                                  |                 |                                                  |              |                                                  |                |              |               |                |                                                  |          |                |                                                   |                                                  | j              | -           |
| Element (X)   | <del> </del>                                     | Ex2          | <del></del>                                      |                | ž x                                              | <del>'                                    </del> | X               | ·,                                               | -            | No. O                                            | bs.            | <u></u>      | <u></u>       |                | Mean N                                           | lo. of H | ours wit       | h Tempero                                         | ture                                             | <del></del>    | <del></del> |
| Rel. Hum.     | <del> </del>                                     |              |                                                  | $\vdash$       |                                                  |                                                  |                 | <del>                                     </del> | `            |                                                  |                | 10           | f             | ≤ 32 F         | z 67                                             |          | 73 F           | ≥ 80 F                                            | ≥ 93 F                                           | -              | Total       |
| Dry Bulb      | <del> </del>                                     |              |                                                  | <del> </del> - |                                                  | $\neg \vdash$                                    |                 | <del>                                     </del> |              |                                                  |                |              |               |                |                                                  |          |                | 1                                                 | 7-                                               |                |             |
| Wet Bulb      | <del>                                     </del> |              |                                                  | l —            |                                                  | ——                                               |                 | <del>                                     </del> |              |                                                  |                |              | $\neg \vdash$ |                | t                                                | _        |                |                                                   | 1                                                | _              |             |
| Dew Point     |                                                  |              |                                                  | 1              |                                                  |                                                  |                 |                                                  | _            |                                                  |                |              | $\neg$        |                | 1                                                | -+       |                | 1                                                 | 7                                                |                |             |
|               | <del></del>                                      |              |                                                  |                |                                                  |                                                  |                 |                                                  |              |                                                  |                |              |               |                |                                                  |          |                |                                                   |                                                  |                |             |

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71 0.26-3 (OL A)

O C USAFETAC

3

OBSOLEDE

THIS FORM

ö EDITIONS

ಠ က 0-26

USAFETAC

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

22145379

13060473

11635483

10684230

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

4.6

• 1

≥ 93 F

90

<u>ó()</u>

≥ 67 F ≥ 73 F ≥ 80 F

33.3

14.9

.4 21.6

RAHDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75 APR 600-0600 HOURS (L. S. T.) PAGE 2 Temp. (F) TUTAL 3303 3303

No. Obs.

3303

3304

3303

3303

≤ 0 F

≤ 32 F

3.7

80.315.983 62.3 8.180 58.6 9.121

55.711.627

265255

205965

193713

183890

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75

#### **PSYCHROMETRIC SUMMARY**

U900-1100 PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 90/ 89 • 0 88/ 87 86/ 85 • Ü 11 11 • i 84/ 83 21 31 82/ 81 72 .0 72 • 7 • 1 • 2 ا2 • 1.4 80/ 79 • 0 162 162 . 7 78/ 77 • 2 1.4 2.6 • 5 1.2 . 1 251 251 76/ 75 1.4 1.9 3.0 212 • 0 313 74/ 73 • 8 2.7 3.6 1.6 404 52 . 1 404 1,2 • 1 . 6 72/ 71 2.5 394 394 40 2.2 70/ 69 2.1 2.2 . 6 .0 190 1.3 367 367 450 63/ 67 1.5 292 377 292 342 252 66/ 65 • 2 1.5 1.5 1.0 . 8 252 357 364 . 2 1.5 1.0 303 64/ 63 . 6 201 201 311 62/ 61 • 5 . 4 159 • 5 .5 159 272 312 60/ 59 . 0 107 107 199 223 • 3 58/ 57 . 5 . 2 37 . 5 207 206 ٥7 56/ 55 46 141 66 166 • 5 54/ 53 • 2 • 2 • 1 54 128 . 2 54 162 39 52/ 51 39 . 0 136 124 106 50/ 49 • 1 . 1 .0 20 20 108 • 1 .0 • 2 48/ 47 . 2 . 0 72 77 12 12 46/ 45 •0 .0 5 6 წ 6 72 101 44/ 43 .0 99 • 0 35 42/ 41 •0 . 1 .0 28 30 40/ 39 .0 17 81 38/ 37 • 0 98 8 36/ 35 2 69 34/ 33 44 32/ 31 43 30/ 29 30 28/ 27 18 26/ 25 22 23 24/ Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F Rel. Hum. 10F 1 32 F ≥ 80 F ₽ 93 F Total Dry Bulb Wet Bulb Dew Point

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USAFETAC

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RANDOLPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

APR

3900-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. 22/ 21 20/ 19 18/ 17 16/ 15 10 12 3 14/ 13 3 12/ 11 TOTAL 1.312.715.917.615.112.0 9.1 6.9 4.2 2.2 1.3 3508 1300 3308 Element (X) No. Obs. Mean No. of Hours with Temperature 15702176 Rel. Hum. 218440 3308 66.019.656 10 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 69.4 7.449 61.8 7.886 62.4 34.0 Dry Bulb 16116394 229578 3308 95 12829133 31.2 Wer Bulb 204349 3308 90 • 0 1.4 4.3 17.0 10920002 185994 56.211.825 • 1

38-45,47-75

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ₹ ಠ 0.26-3 USAFETAC

RANDOLPH AFB TEXAS/SAN ANTONIU

#### **PSYCHROMETRIC SUMMARY**

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 | 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | C.B. W.B. Dry Bulb Wet Bulb Dew Point 9R/ 97 . 1 96/ 95 94/ 93 52/ 91 • 1 20 90/ 89 55 55 • 0 88/ 87 96 165 85 1.3 169 169 • 1 84/ 83 1.6 244 2.2 82/ 81 2.6 1 1.2 1.6 348 343 79 .5 2.7 801 41> 1.3 1.2 78/ 77 1.7 1.6 332 332 76/ 75 1.2 346 73 1.3 .6 271 1.4 271 2)3 15 • 1 • 1 72/ 237 237 403 60 70/ 69 105 198 . 8 465 205 . 6 68/ 67 134 136 394 323 66/ 65 . 7 • 2 116 346 357 117 64/ 63 81 271 378 81 280 62/ 61 • 5 71 201 71 59 60/ 55 199 223 58/ 57 37 184 • 2 37 164 55 56/ 29 185 139 54/ 53 • 1 • 1 15 135 140 15 51 52/ 121 • 1 50/ 49 • 1 • 1 9 73 104 48/ 47 99 45 .0 46/ 1 27 103 44/ 43 99 12 96 42/ 41 40/ 39 79 38/ 37 81 35 36/ 91 34/ 33 59 32/ Element (X) Mean No. of Hours with Temperature Rel. Hum. 2 0 F ≤ 32 F Dry Bulb Wet Bulb

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROM TRIC SUMMARY

| 12911<br>STATION |     | MEGL           |                                                  | 5     | TATION N                                         | AME                                              |                                                  |                  |                | 3 F -          |                                                  |                |                                                  | 3,           | ARS          |                                                  |               | PAGE      |          | 1501         |                |
|------------------|-----|----------------|--------------------------------------------------|-------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------|----------------|----------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|---------------|-----------|----------|--------------|----------------|
|                  |     |                |                                                  |       |                                                  |                                                  |                                                  |                  |                |                |                                                  |                |                                                  |              |              |                                                  |               |           | • •      | HOURS        | 4              |
| Temp.            |     |                |                                                  |       |                                                  | WET                                              | BULB                                             | TEMPE            | RATURE         | DEPRE          | SSION (                                          | F)             |                                                  |              |              |                                                  | 1             | TOTAL     |          | TOTAL        |                |
| (F)              | 0   | 1 - 2          | 3 - 4                                            | 5 . 6 | 7 - 8                                            |                                                  |                                                  |                  |                |                |                                                  |                | 23 - 24                                          | 25 - 26      | 27 - 28      | 29 . 30                                          | 31            | 0.8. ¥ 8. | Dry Bulb | Wet Bulb     | Ď              |
| 30/ 29           |     |                |                                                  |       | i                                                | 1                                                | 1                                                | 1                | 1              | <u> </u>       | i                                                |                | 1                                                |              | !            | 1                                                |               |           |          | -            | Ī              |
| 28/ 27           |     |                |                                                  |       | į                                                |                                                  | İ                                                | Ì                | Ì              | Ì              | Ì                                                | ŀ              |                                                  | 1            |              | ŧ                                                | i             |           |          |              | t              |
| 26/ 25           |     |                |                                                  |       | <del></del>                                      | i                                                | i                                                | 1                | 1              | 1              | <u> </u>                                         |                | 1                                                | 1            |              |                                                  | i             |           |          |              | Ī              |
| 24/ 23           |     |                |                                                  |       |                                                  |                                                  |                                                  | İ                | ĺ              |                | 1                                                |                |                                                  | 1            |              |                                                  | j l           |           |          |              | 1              |
| 22/ 21           |     |                |                                                  |       |                                                  |                                                  | T                                                |                  |                |                | Ī                                                |                |                                                  | }            |              |                                                  |               |           |          | 1            | -              |
| 20/ 19           |     |                |                                                  |       |                                                  | l                                                | ļ                                                |                  |                | İ              |                                                  |                | <u> </u>                                         | i            |              |                                                  |               |           |          | İ            |                |
| 18/ 17           |     |                |                                                  |       |                                                  |                                                  |                                                  |                  |                | ĺ              |                                                  |                |                                                  |              | :            |                                                  |               |           |          | 1            | Ī              |
| 16/ 15           |     | <u> </u>       |                                                  |       | <u> </u>                                         | 1                                                | <u> </u>                                         | Ĺ                |                | 1              | l                                                |                | <u> </u>                                         |              |              |                                                  | !             |           |          | <u> </u>     | 1              |
| 14/ 13           |     |                |                                                  |       | i                                                |                                                  |                                                  |                  |                |                |                                                  |                |                                                  | Ţ            |              |                                                  |               |           |          |              | Ι              |
| 12/ 11           |     |                |                                                  |       |                                                  |                                                  | <u> </u>                                         | <u> </u>         | <u> </u>       | <u> </u>       |                                                  |                |                                                  |              |              |                                                  |               |           |          | İ            |                |
| TOTAL            | • 6 | 5.4            | 5.0                                              | 8.3   | 11.4                                             | 11.                                              | 313.3                                            | 11.3             | ¥10•4          | 7.7            | 5.8                                              | 3.2            | 2.1                                              | 1 1.2        | b            | . 5                                              | • 4           |           | 3375     | 1            | Γ              |
|                  |     | <b> </b> -     | ļ                                                |       |                                                  | ļ                                                | -                                                |                  | ļ              | <u> </u>       |                                                  |                | ļ                                                | <u> </u>     |              |                                                  |               | 3704      |          | 3304         | 1              |
| 1                |     |                |                                                  |       |                                                  |                                                  |                                                  |                  | ŀ              |                |                                                  |                |                                                  |              |              |                                                  | 1 1           | ĺ         |          |              |                |
| <u> </u>         |     | <u> </u>       | ļi                                               |       | ļ                                                | ļ                                                | <del> </del>                                     | <del> </del> -   | <del> </del>   | <del> </del>   | <del> </del>                                     |                | ļ                                                | <del> </del> | <u> </u>     |                                                  |               |           |          |              | <del> </del> - |
| ]                |     | ĺ              |                                                  |       | 1                                                | İ                                                | 1                                                | {                | •              | ]              | ļ                                                | ļ              | 1                                                | 1            |              |                                                  |               | 1         |          | 1            |                |
| <b> </b>         |     | <b></b>        | <u> </u>                                         |       |                                                  |                                                  | <del> </del>                                     | <del> </del>     | <del> </del>   | <del> </del>   | ļ                                                | <del> </del>   | <del> </del>                                     | <del> </del> |              | <u> </u>                                         | <b> </b>      |           |          | ļ            | 1              |
| 1 1              |     |                | 1                                                |       |                                                  |                                                  | }                                                |                  | 1              | 1              |                                                  | l              |                                                  |              |              |                                                  |               | 1         |          | l            | 1              |
|                  |     | <del> </del>   | <del> </del>                                     |       | <del></del>                                      | ┼                                                | ╁──                                              |                  | ├              | <del> </del>   |                                                  |                |                                                  | <del></del>  |              |                                                  | <b>∱</b> -    |           |          | ļ            | ╁              |
| 1                |     |                | ļ                                                |       |                                                  |                                                  | 1                                                | ļ                | 1              | 1              |                                                  |                |                                                  |              |              |                                                  |               |           |          | l            |                |
| <del></del>      |     | <del> </del>   | ├                                                |       | <del> </del>                                     | <del> </del>                                     | ├                                                | <del> </del>     | ┼              | <del> </del> - | <del> </del> -                                   | <del> </del>   | ; <del></del> -                                  | <del></del>  | <del> </del> |                                                  | <del> </del>  |           |          |              | ╁              |
| 1                |     |                | l                                                |       |                                                  | İ                                                | 1                                                |                  |                |                | 1                                                |                | l                                                | i            |              |                                                  |               | ļ         |          | 1            | i              |
| <del></del>      |     | <del> </del>   | <del> </del>                                     |       | <del> </del>                                     | ├──                                              | ┼                                                | <del> </del>     | ┼              | <del> </del>   |                                                  |                | <del> </del>                                     |              |              |                                                  | <del>  </del> |           |          |              | +              |
|                  |     | l              | l                                                |       |                                                  |                                                  | 1                                                |                  |                | 1              |                                                  | ĺ              |                                                  | 1            | l            |                                                  |               | l         |          | l            |                |
| <del> </del>     |     | <del> </del> - |                                                  |       | 1                                                | ╂───                                             | 1                                                | <del> </del>     | <del> </del>   | <del> </del> - | <del> </del>                                     |                | <del> </del>                                     | <del> </del> | <del> </del> | <del> </del>                                     | <del> </del>  |           |          | <del> </del> | +-             |
|                  |     |                |                                                  |       | j                                                |                                                  | 1                                                | 1                |                |                | 1                                                |                | 1                                                |              |              |                                                  |               |           |          |              | 1              |
|                  |     | <del> </del>   | <del> </del>                                     |       | <del> </del>                                     | ┼──                                              | -                                                | <del> </del>     | <del> </del> - | 1              | <del> </del>                                     |                |                                                  | +            |              | <del> </del>                                     | <del>  </del> |           |          | <del> </del> | ╁              |
|                  |     | 1              |                                                  |       |                                                  |                                                  | 1                                                | 1                | 1              |                | 1                                                |                | 1                                                | Ì            | •            |                                                  |               |           |          | l            | 1              |
|                  |     | 1              | 1                                                | -     | <del>                                     </del> |                                                  | <del> </del> -                                   | <del>  -</del> - |                | <del> </del>   | 1                                                |                |                                                  | +            | <del></del>  | <del> </del>                                     | <del> </del>  |           |          | <del> </del> | +-             |
| i                |     | 1              | j                                                |       | İ                                                |                                                  |                                                  | 1                | i              | 1              | 1                                                | ļ              | ì                                                |              |              | 1                                                |               |           |          |              | ĺ              |
| {                |     | <del> </del>   | <del>                                     </del> |       | 1                                                | <del>                                     </del> | <del>                                     </del> | <del> </del>     | 1              | 1              | <del>                                     </del> | <del> </del>   | <del>                                     </del> | 1            | <del> </del> | <del>                                     </del> | 1             |           |          | <del> </del> | †              |
|                  |     |                | }                                                |       |                                                  | ì                                                | 1                                                |                  |                | Ì              | 1                                                | 1              |                                                  | i            |              |                                                  |               | 1         |          |              | ļ              |
|                  |     | $\vdash$       |                                                  |       | 1                                                | <del>                                     </del> | 1                                                | 1                | 1              | $\dagger$      | 1                                                | <del>  -</del> |                                                  | 1-           | i            | <del>                                     </del> | 1             |           |          | 1            | t              |
|                  |     |                |                                                  |       |                                                  |                                                  | 1                                                |                  | ļ              | 1              | 1                                                | 1              | 1                                                |              |              |                                                  |               |           |          |              |                |
| Element (X)      |     | Zx'            | *                                                |       | ZX                                               | <del>`</del>                                     | 7                                                | 1                |                | No. O          | s.                                               |                |                                                  | ···          | Mean         | No. of H                                         | lours with    | Temperat  | UT•      | <del></del>  | _              |
| Rel. Hum.        |     |                | 16572                                            | T     | 1785                                             | 50                                               |                                                  | 20.0             |                |                | 04                                               | ± )            | F                                                | ± 32 €       | ≥ 67         |                                                  | ≥ 73 F        | × 80 =    | ≥ 93     | F            | To             |
| Dry Bulb         |     | 1913           | 35195                                            |       | 250                                              | 103                                              | 75.                                              | 77.9             | 951            | 33             | 003                                              |                |                                                  |              |              | .2                                               | 42.9          | 3 ? • :   | 3        | . 3          |                |
| W Bulb           |     | 1364           | 8309                                             |       | 2109                                             | 65                                               | 63.5                                             | 77.3             | 339            | 33             | 374                                              |                |                                                  |              |              | 0.0                                              | 5.2           |           | 7        |              |                |
| Dev Point        |     |                | 77317                                            |       | 1844                                             |                                                  |                                                  | 312.0            |                | 3 2            | 04                                               |                | _                                                | 4.4          |              |                                                  | • 4           |           | -1       |              |                |

## **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 29-45,47-75

STATION NAME

PAGE 1 1500-1700

| Temp.                 |     |         |       |         |           |                 | BULB 1  |             |         |          |         |         |         |                |          |         |      | TOTAL     |              | TOTAL         |            |
|-----------------------|-----|---------|-------|---------|-----------|-----------------|---------|-------------|---------|----------|---------|---------|---------|----------------|----------|---------|------|-----------|--------------|---------------|------------|
| (F)                   | 0   | 1 . 2   | 3 - 4 | 5 - 6   | 7 - 8     | 9 - 10          | 11 - 12 | 13 - 14     | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24 | 15 - 26        | 27 - 28  | 29 - 30 | + 31 | D.B. W.B. | Dry Bulb W   | et Bulb       | Dew Point  |
| 98/ 97                |     |         | j     |         |           |                 |         |             |         |          |         |         |         |                |          |         | • 2  | 5         | اد           |               |            |
| 96/ 95                |     |         |       |         |           |                 |         |             |         |          |         | • 0     |         |                |          |         | ر. ا | ٦         | 3            | 1             |            |
| 94/ 93                |     |         | i     |         |           |                 |         |             |         |          | . 2     | • 2     | . 1     | • 0            | • 1      |         | • 2  | 2 9       | 20           |               |            |
| 92/ 91                |     |         |       |         |           |                 |         |             | • 0     |          | 7       | 4       | , 1     | .1             | • 2      | • 2     | • 1  | 04        | 44           |               |            |
| 90/ 89                |     | ļ       | 1     | İ       |           |                 | • 0     |             | . 3     |          | A 1     | • 4     | , 2     |                |          | . 2     | • 1  |           | 1 ^ 7        |               |            |
| 88/ 87                |     |         |       |         |           |                 | . 1     | • 5         | • 9     |          | . 9     |         | . 5     |                | . 5      | . 3     | • 1  | 171       | 171          |               |            |
| 86/ 85                | ļ   | 1       | ļ     | ĺ       |           | • 4             | 8       | 1.8         | 1.8     | 1.0      | . 4     | • 7     | . 4     | .3             | • 2      | • 2     |      | 276       | 270          | 1             |            |
| 84/ 83                |     |         | !     | •0      | . 2       | . 8             |         |             |         | 1.0      |         |         | . 4     |                | • 2      |         |      | 297       | _ ′ `7       |               |            |
| 82/ 81                |     |         |       | • 3     | 1.1       | 2.0             | 2.3     | 1.7         | 1.2     |          | . 7     |         | , 7     | • 3            | • 1      |         |      | 391       | 201          | 1             |            |
| 80/ 79                |     |         | • 2   | . 5     | 1.7       |                 |         |             | . 8     |          | 1.0     | 1.1     | _ • 5   |                |          |         |      | 4.)3      | 403          |               |            |
| 78/ 77                | - 1 | ۱, ا    | • 3   | 1.0     | 1.5       |                 |         | • 6         | • 6     |          | . 8     |         | . 3     |                |          |         |      | 291       | 291          | 5)            |            |
| 76/ 75                |     | 1       | • 5   | 1.5     | 1.4       |                 | - 6     | • 5         | • 6     |          |         |         |         |                |          |         |      | 284       | 244          | 54            | 5          |
| 72/ 71                | l   | • 2     | . 6   | 1.2     | . 3       |                 | • 5     | . 3         | • 5     |          |         |         |         | 1              |          |         |      | 190       | 191          | 222           | 15         |
| 70/ 69                |     | • 5     | 1.1   | <u></u> |           | <u>. 4</u><br>2 | .5      | . 5         | . 5     |          |         | • 2     | 2       | <u> </u>       |          |         |      | 109       | iny          | 415           | 92         |
| 68/ 67                | .0  | .7      | • 4   | • 4     | .0        | 4               | • 3     | • 4<br>• 2  | • 1     | .8       |         | • 3     |         |                |          |         |      | 124       | 124          | 469           | 187        |
| 66/ 65                | • i | .6      | .4    | • 2     | • 2       |                 | • 3     | • 4         | • 4     |          |         | • 0     |         | <del> </del> - |          |         |      | 110<br>95 | 95           | 37 <u>0</u>   | 246        |
| 64/ 63                | . 2 |         | 2     | . 1     | . 2       | 4               | 1       | . 2         | . 2     |          | .1      |         |         | 1              |          |         |      | 75        | 75           | 238           | 327<br>335 |
| 62/ 61                | 1   | • 3     |       | • 2     | . 1       | • 2             | . 3     | • 2         | . 2     |          | • •     |         |         | <del> </del>   |          |         | ·    | 55        | 55           | 235           | 240        |
| 60/ 59                | i   | . 4     | . 2   | . 2     | . 2       |                 |         | 3           |         |          |         |         |         |                |          |         |      | 50        | 58           | 202           | 276        |
| 58/ 57                | • 2 | • 3     | • 2   | • 2     | . 1       |                 | • 1     | 0           |         |          |         |         |         | <u> </u>       |          |         |      | 3.5       | 35           | 223           | 128        |
| 56/ 55                | . 1 | . 2     | .0    | . 1     | . 1       | • 1             | . 1     | .0          |         |          |         |         |         |                |          |         |      | 22        | 22           | 197           | 129        |
| 54/ 3                 |     | • 2     | • 0   | • 1     | • 0       |                 |         | -           |         |          |         |         |         | <del> </del>   |          |         |      | 12        | 12           | 89            | 140        |
| 52/ 51                |     | . 2     | . 1   | . 1     |           |                 |         |             |         |          |         |         |         |                |          |         |      | 10        | 10           | 95            | 137        |
| 50/ 19                |     |         |       | • 1     |           |                 |         |             |         |          |         |         |         | i              |          |         |      | 2         | 2            | 78            | 124        |
| 48/ 17                |     |         |       |         | . 1       | . 1             |         |             |         |          |         |         |         | }              |          |         |      | 4         | 4            | 42            | 116        |
| 46/ 45                |     |         |       | • 0     |           |                 |         |             |         |          |         |         |         |                |          |         |      | 2         | 2            | 25            | 108        |
| 44/ 43                |     |         |       |         |           |                 |         |             |         |          |         |         |         |                |          |         |      |           | 1            | 7             | 100        |
| 42. 41                |     |         | "     |         |           |                 |         |             |         |          |         |         |         |                |          |         |      |           |              | 3             | 85         |
| 40/ 39                |     |         |       |         |           |                 |         |             |         | ļ        |         |         |         |                |          |         |      |           |              | 2             | 95         |
| 38/ 37                |     |         |       |         |           |                 |         |             |         |          |         |         |         |                |          |         |      |           | T            | 2             | 77         |
| 36/ 35                |     |         |       |         |           |                 |         |             |         | <u> </u> |         |         |         | <u> </u>       |          |         |      |           |              |               | 69         |
| 34/ 33                |     |         |       |         |           |                 |         |             |         |          |         |         |         |                |          |         |      | ļ         |              | į             | 64         |
| 32/ 31<br>Element (X) |     | <u></u> |       |         |           | ليهما           |         |             |         | لي إ     | L       |         |         | <u></u>        |          |         |      |           |              |               | 43         |
| Rel. Hum.             |     | Σχ²     |       |         | Z X       |                 | X       | <b>₹</b> x  |         | No. Ob   | 5.      |         |         |                |          |         |      | Temperati |              | <del></del> - |            |
| Dry Su!h              |     |         |       |         |           |                 |         |             |         |          |         | ≤ 0 1   | -       | ± 32 F         | ≥ 67     | F       | 73 F | ≥ 80 F    | ≥ 93 F       | <del>- </del> | otal       |
| Wet Bulb              |     |         |       |         | · · · · · |                 |         |             | -       |          |         |         |         |                | <u> </u> |         |      |           | <del> </del> |               |            |
| Dew Point             |     |         |       |         |           |                 |         | <del></del> |         |          |         |         |         |                |          |         |      |           | <del> </del> |               |            |
| Dew Point             |     |         | 1     |         |           |                 |         |             |         |          |         |         |         |                |          |         |      |           | 1            |               |            |

USAFETAC FORM 21 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CBSOLETE

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING RRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

| 12911<br>STATION | RA           | NDOL  | PH A         | FB T  | EXAS           | /SAN                                             | ANT     | UNIU           |         | <u>۹۰-</u> | 45,4     | 7-75     |          | YE                                               | ARS                                              |               |           |              |              |          | P C           |
|------------------|--------------|-------|--------------|-------|----------------|--------------------------------------------------|---------|----------------|---------|------------|----------|----------|----------|--------------------------------------------------|--------------------------------------------------|---------------|-----------|--------------|--------------|----------|---------------|
|                  |              |       |              |       |                |                                                  |         |                |         |            |          | _        |          |                                                  |                                                  |               |           | PAG          | E 2          | HOURS (  | -1700         |
| Temp.            |              |       |              |       |                |                                                  | BULB T  |                |         |            |          |          |          |                                                  |                                                  |               |           | TOTAL        |              | TOTAL    |               |
| (F)              | 0            | 1 - 2 | 3 - 4        | 5 - 6 | 7 - 8          | 9 - 10                                           | 11 - 12 | 13 - 14        | 15 - 16 | 17 - 18    | 19 - 20  | 21 - 22  | 23 - 24  | 25 - 26                                          | 27 - 28                                          | 29 - 30       | ≥ 31      | D.B. W.B.    | Dry Bulb     | Wet Bulb | Dew Point     |
| 30/ 29<br>28/ 27 |              |       |              |       |                | ļ                                                |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          | 46<br>15      |
| 26/ 25<br>24/ 23 |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          | 21<br>9       |
| 22/ 21<br>20/ 19 |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          | 7 7           |
| 16/ 17           |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          | 5<br>12       |
| 10/ 9<br>TOTAL   | , 7          | 4.5   | 4.5          | 7.0   | 8.5            | 10.3                                             | 11.2    | 10.7           | 9.7     | 9.7        | 8.8      | 5.0      | 3.7      | 1.7                                              | 1.4                                              | , 8           | • 7       |              | 3304         |          | 1<br>3313     |
|                  |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           | 3303         |              | 3303     |               |
|                  |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          |               |
|                  |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          |               |
|                  |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          |               |
|                  |              |       |              |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          | <del></del> - |
|                  |              |       | }<br>        |       |                |                                                  |         |                |         |            |          |          |          |                                                  | <del>                                     </del> |               |           |              | <del> </del> | <u> </u> |               |
|                  |              |       |              |       |                | <del>                                     </del> |         |                |         | <br> <br>  |          |          |          | <del>                                     </del> |                                                  |               |           |              | <del> </del> |          |               |
|                  |              |       |              | -     |                |                                                  |         |                |         |            |          |          |          |                                                  | <u> </u>                                         | <u> </u>      |           | <del>-</del> |              | !        |               |
|                  |              |       | _            |       |                |                                                  |         |                |         | <u> </u>   |          | i        |          |                                                  |                                                  | <u> </u>      | <u> </u>  |              | <u> </u>     |          |               |
|                  |              |       |              |       |                |                                                  | -       |                |         |            |          |          |          |                                                  |                                                  | <u> </u>      |           |              | -            |          |               |
|                  | <del>-</del> |       | <del> </del> |       |                |                                                  |         |                |         |            |          |          |          |                                                  |                                                  |               |           |              |              |          |               |
|                  | <del></del>  |       | <u> </u>     |       |                |                                                  |         |                |         |            |          | <u> </u> |          |                                                  | <del> </del>                                     | <u> </u>      |           |              |              |          | <u> </u>      |
| Element (X)      |              | Σχ'   | L            |       | z <sub>X</sub> |                                                  | Ÿ       | ø <sub>z</sub> |         | No. Ol     |          | <u> </u> | <u> </u> | <u> </u>                                         | Mean I                                           | !<br>No. of H | ours with | Tempero      | ture         | L        | l             |
| Ral. Hum.        |              |       | 6424         |       | 1665           | 92                                               | 50.4    | 20.4           | 74      | 33         |          | ± 0      | F        | ≤ 32 F                                           | ≥ 67                                             |               | 73 F      | ≥ 80 F       | ≥ 93         | F        | Total         |
| Dry Bulb         |              |       | 3338         |       | 2563           | 26                                               | 77.6    | 8.2            | 98      | 9 5        |          |          |          |                                                  |                                                  |               | 68.4      |              | 4 1          | • 0      | 90            |
| Wet Bulb         |              |       | 2021         |       |                | 09                                               | 64.2    | 7.1            | 36      | 32         |          |          | _        |                                                  |                                                  | • 8           | 7.7       |              |              |          | 91)           |
| Dew Point        |              | 1058  | 4048         |       | 1826           | 30                                               | 55.3    | 12.1           | 32      | 33         | <u> </u> |          |          | 5.1                                              | 15                                               | • 2           | • 5       | <u> </u>     |              | !        | 90            |

DATA PRUCESSING BRANCH
USAF ETAC
AI. WEATHER SERVICE/MAC

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 39-45,47-75

USAFETAC LON 1 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

| STATION         |     |          |       | \$1   | ATION N | AME    | ·        |            |                |             |         |         |                                                | YE         | ARS     |          | ~           |               |                                        | MO                 | NTH         |
|-----------------|-----|----------|-------|-------|---------|--------|----------|------------|----------------|-------------|---------|---------|------------------------------------------------|------------|---------|----------|-------------|---------------|----------------------------------------|--------------------|-------------|
|                 |     |          |       |       |         |        |          |            |                |             |         |         |                                                |            |         |          |             | DAG           | Ţ                                      | 1807               | -203        |
| Temp.           |     |          |       |       |         |        |          | EMPER      |                |             |         |         |                                                |            |         | *******  |             | TOTAL         |                                        | TOTAL              |             |
| (F)             | 0   | 1 - 2    | 3 - 4 | 5 - 6 | 7 - 8   | 9 - 10 | 11 - 12  | 13 - 14    | 15 - 16        | 17 - 18     | 19 - 20 | 21 - 22 | 23 - 24                                        | 25 - 26    | 27 - 28 | 29 - 30  | ≥ 31        | D.B. W.B.     | Dry Bulb                               |                    | Dew P       |
| 4/ 93           |     |          |       |       |         |        |          |            |                |             |         |         |                                                | I          |         | •0       |             | 1             | 1                                      |                    | <u> </u>    |
| 2/ 91           | _   |          |       |       |         |        |          |            |                | •0          | .1      | • 0     |                                                | }          |         | •        | .1          | B             | δ                                      |                    | ,           |
| 0/ 89           |     | 1 1      |       |       |         |        |          | .0         | .0             | , 2         | ,1      |         |                                                | •0         |         | • 0      | • )         | 14            | 14                                     |                    | <u> </u>    |
| 8/ 87           |     |          |       |       |         |        |          | •0         | , 2            | • 2         | 1       | • 0     | • 1                                            |            | . 1     | , -      |             | 25            | 25                                     | į                  | 1           |
| 6/ 85           |     | l i      |       |       |         | • 1    | . 3      | • 4        | • 6            | ٤.          | .1      | • 2     | • 1                                            | • 2        |         | • 1      | i           | 01            | °1                                     |                    | i           |
| 4/ 83           |     | <u> </u> |       |       | • 0     | • 3    | . 3      | ٠.         | , 4            |             | .3      | • 3     | •1                                             | . 2        | . 1     |          |             | 91            | - 31                                   | Ĺ                  |             |
| 2/ 81           |     |          |       | • 0   | • 5     | . 9    | 1.0      | • 9        | • 5            |             | .2      | • 2     | • 2                                            | .0         |         |          | ļ           | 15,           | 152                                    |                    |             |
| 0/ 79           |     |          | - 1   | • 4   |         |        |          | . 9        |                |             |         | • 5     | <u>د و                                    </u> |            | 1       |          |             | 281           | 271                                    |                    |             |
| 8/ 77           |     |          | . • 4 |       | ,       |        | 1.8      | • 5        |                |             |         | • 3     | • 2                                            | • 1        |         |          |             | 324           | + " ف                                  | 1                  |             |
| 6/ 75<br>4/ 73  |     | • 1      | 1.5   |       |         |        |          | • 8        |                |             |         | - 3     | • 2                                            | <u> </u>   |         |          |             | 417           | 410                                    | 12                 | <del></del> |
| 4/ 73 <br>2/ 71 | ,   | • 6      | 2.3   |       |         | 1.5    |          | • 5        |                | .7          | . 4     | • 1     | • 1                                            | <b>1</b> . |         |          |             | 370           | 370                                    |                    |             |
| 0/ 69           | • 1 | .7       | 1,9   |       |         | 1.6    | 1.0      | • 7        | •9             |             | - 4     |         | 0                                              | -          |         |          |             | 319           | 319                                    | 3 Ú B              | +           |
| 8/ 67           | C   |          | 1.3   | .5    | 1.2     | 1.0    | •9<br>•8 | • 9        |                |             |         | • 0     |                                                |            |         |          |             | 309           | 319                                    | 444                |             |
| 6/ 65           | • 2 | • 9      | • 5   |       |         | • 5    |          | • 6<br>• 6 |                |             |         | •0      |                                                |            |         |          |             | 204           | 208                                    |                    | ·           |
| 4/ 63           | . 2 |          | . 5   | .4    | .5      | . 8    |          | .5         | .4             | 1           | ١,      | • 0     |                                                |            | l i     |          | l           | 169<br>155    | 169<br>155                             | 344<br>309         | _           |
| 2/ 61           | • 1 |          | • 4   | .4    | • 5     | • 3    |          | • 4        | .3             | .0          | .1      |         |                                                |            |         |          | <del></del> | 104           | 194                                    | 221                | 2           |
| 0/ 59           | . 2 |          | . 6   | _     | . 3     | 4      |          | 4          | .2             | . o         |         |         |                                                |            |         |          |             | 91            | 91                                     | 221                | 2           |
| 8/ 57           | • 2 |          | • 3   |       | , 2     | • 3    |          | • 2        | •0             |             |         |         |                                                |            |         |          | <del></del> | 63            | 63                                     | 224                |             |
| 6/ 55           | _ C |          | • 2   | . 2   |         | . 2    |          | • 0        |                |             |         |         |                                                |            | į       |          |             | 45            | 45                                     | 202                |             |
| 4/ 53           | • 1 | • 1      | • 1   | . 2   | . 1     | . 1    | • 2      |            |                |             |         |         |                                                |            |         |          |             | 2 0           | 28                                     | 175                |             |
| 2/ 51           | . 1 | • 2      | •1    | .1    | • 1     | . 1    | • 1      |            |                |             |         |         |                                                |            |         |          |             | 22            | 22                                     | 119                |             |
| 0/ 49           |     |          | • 1   | •0    |         | • 0    |          |            |                |             |         |         |                                                |            |         |          |             | Я             | 8                                      | 95                 |             |
| 8/ 47           |     |          | -1    |       | • 1     |        |          |            |                |             |         |         |                                                |            |         |          |             | 5             | 5                                      | 65                 | 1           |
| 6/ 45           |     | 1        | • 0   |       | _       |        |          |            |                |             |         |         |                                                |            |         |          |             | 1             | 1                                      | 44                 |             |
| 4/ 43           |     |          |       | •0    | • 1     |        |          |            |                |             |         |         |                                                |            |         |          |             | 4             | 4                                      | 34                 |             |
| 2/ 41<br>0/ 39  |     |          |       | • 0   | • 0     | !      |          |            |                |             |         |         |                                                |            |         |          |             | 2             | 2                                      | 12                 |             |
| 0/ 39<br>8/ 37  |     | -        |       |       |         |        |          |            |                |             |         |         |                                                |            |         |          |             |               |                                        | 3                  |             |
| 6/ 35           |     |          |       |       |         |        |          |            |                |             |         | · .     |                                                |            |         |          |             |               |                                        | 2                  |             |
| 4/ 33           |     |          |       |       |         |        |          |            |                | <del></del> |         |         |                                                |            |         |          |             | <del>  </del> |                                        | 4                  |             |
| 2/ 31           |     |          |       |       |         |        |          |            |                |             |         |         |                                                |            |         |          |             |               | j                                      |                    |             |
| 0/ 29           |     |          |       |       |         |        |          |            |                |             |         |         |                                                | <u></u>    |         |          | <del></del> | <del>  </del> |                                        |                    | -           |
| 8/ 27           |     |          |       |       |         |        |          |            |                | 1           |         |         |                                                |            |         |          |             |               |                                        |                    | ļ           |
| ement (X)       |     | Σχ²      |       |       | Σχ      |        | X        | <b>₹</b>   | <del>-</del> — | No. Ol      | 5.      |         | *                                              |            | Meon N  | o. of Ho | ours with   | h Temperate   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                    |             |
| l. Hom.         |     |          |       |       |         |        |          |            |                |             |         | ± 0 €   | : ] :                                          | 32 F       | ≥ 67    |          | 73 F        | 60 F          | ≥ 93 F                                 | <del>-   -  </del> | Total       |
| y Bulb          |     |          |       |       |         |        |          |            |                |             |         |         |                                                |            |         |          | <u>-</u>    | í ~           | 1                                      | _                  |             |
| t Bulb          |     |          |       |       |         |        |          |            |                |             |         |         |                                                |            |         |          |             |               |                                        |                    |             |
| w Point         |     |          |       |       |         | 1      | 1        |            |                |             |         |         |                                                |            |         |          |             |               | 1                                      |                    |             |

AC FORM ARE OBSOLETE JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

X.

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

APR

| Temp.                                            |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              |                                                  |              |             |               | 2.10.         |
|--------------------------------------------------|-----|----------|----------------|--------------------------------------------------|------------------------|-------------|--------------------|--------|--------------|----------|----------|----------|----------|----------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|-------------|---------------|---------------|
| Temp.                                            |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              |                                                  | PAG          | <b>E</b> 2  | 1900          | -2000         |
| Temp.                                            |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              |                                                  |              |             | HOURS (       | L. S. T.)     |
|                                                  |     |          |                |                                                  |                        |             | BUL8 T             |        |              |          |          |          |          |                |                                                  |              |                                                  | TOTAL        |             | TOTAL         | ,             |
| (F)                                              | 0   | 1 - 2    | 3 - 4          | 5 - 6                                            | 7 - 8                  | 9 - 10      | 11 - 12            | s - 14 | 15 - 16      | 17 - 18  | 19 - 20  | 21 - 22  | 23 - 24  | 25 - 26        | 27 - 28                                          | 29 - 30      | <b>≯31</b>                                       | D.B. W.B.    | Dry Bulb    | Wer Bulb      | Dew Point     |
| 26/ 25                                           |     | İ        | İ              |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              |                                                  | ĺ            |             |               | 2.2           |
| 24/ 23                                           |     |          | <u> </u>       |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              |                                                  | <u> </u>     |             |               | 7             |
| 22/ 21                                           |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                | İ                                                |              |                                                  |              |             |               | 3             |
| 20/ 19                                           |     |          | <del> </del> - | <b></b> -                                        |                        |             |                    |        |              |          |          |          |          |                | <u> </u>                                         | <b> </b>     |                                                  |              |             |               | - 2           |
| 16/ 15                                           |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          | }              |                                                  |              |                                                  |              |             |               | 4             |
| 14/ 13                                           |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          | <del> </del>   | <del> </del>                                     |              | <del> </del> -                                   |              |             | <del> </del>  | 7             |
| 12/ 11                                           |     |          |                |                                                  |                        |             | j j                |        |              |          |          |          |          |                |                                                  |              |                                                  | !            |             |               | ا ا           |
| TOTAL                                            | 1.3 | 6.4      | 12.2           | 13.3                                             | 13.4                   | 12.0        | 11.6               | 9.0    | 7.8          | 5.3      | 3.3      | 2.1      | 1.3      | • 5            | .4                                               | •1           | •1                                               |              | 3290        |               | 3201          |
| 1                                                |     |          |                |                                                  |                        |             |                    |        |              | , ,      |          |          | - •      |                | •                                                | '-           |                                                  | 3291         |             | 3291          |               |
| <del>                                     </del> |     |          |                |                                                  |                        |             |                    |        |              |          | <u> </u> |          |          |                | _                                                |              |                                                  | -            |             | l             | l             |
| l i                                              |     |          | 1              |                                                  | i I                    |             |                    |        |              |          |          |          |          | ļ              |                                                  | 1            | 1                                                |              |             |               |               |
|                                                  |     |          | T              | <u> </u>                                         |                        |             |                    |        |              |          |          |          |          |                |                                                  | l            | i —                                              |              |             |               | i             |
|                                                  |     | <u> </u> |                |                                                  |                        |             | LI                 |        |              |          |          |          |          |                |                                                  |              |                                                  |              |             |               |               |
| ]                                                |     |          | 1              |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              | 1                                                | 1            |             |               |               |
|                                                  |     |          |                |                                                  | <u></u>                |             |                    |        |              |          |          |          |          |                |                                                  |              |                                                  |              |             |               |               |
|                                                  |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              |                                                  | <u> </u>     |             |               | )<br>;        |
|                                                  |     |          | <u> </u>       |                                                  |                        | <u> </u>    |                    |        |              |          |          |          |          | <del> </del>   |                                                  |              |                                                  | <u> </u>     |             | <b> </b>      | <u> </u>      |
| 1                                                |     | i        |                | į                                                |                        |             |                    |        |              | 1        |          |          |          | İ              | İ                                                | į            | i                                                | Ì            | į           | İ             |               |
| l                                                |     | <u> </u> | <del> </del> - | <del> </del>                                     | <del> </del>           |             | <u> </u>           |        |              |          |          |          |          | <del> </del> - | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del> |             | <b> </b>      | <del> </del>  |
|                                                  |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  | 1            |                                                  |              | ]           | }             | !             |
| h                                                |     |          | <del>-</del>   | <del> </del>                                     | <del></del>            |             |                    |        | <del> </del> |          |          |          |          |                | <del> </del>                                     |              |                                                  | <del> </del> |             | <del></del> - |               |
| }                                                |     | ļ        |                | l                                                |                        |             |                    |        |              |          |          | •        |          | 1              | 1                                                |              |                                                  | 1            |             |               | 1             |
| \ <del></del>                                    |     | i        |                | <del>                                     </del> | <del> </del>           |             |                    |        |              |          |          |          |          | <del> </del>   | <del>                                     </del> |              | <del>                                     </del> |              | '           |               | l             |
| 1                                                |     |          |                | 1                                                | l                      | •           |                    |        | 1            |          | l        |          |          | j .            | l                                                |              | i<br>i                                           |              | ł           |               |               |
|                                                  |     | Ì        |                |                                                  |                        | i           |                    |        |              | <u> </u> |          |          |          |                |                                                  |              |                                                  | i –          |             |               |               |
| l l                                              |     | ]        | l              | l                                                |                        | <u> </u>    |                    |        | l            | L _      | <u> </u> | <u> </u> | L        | <u> </u>       |                                                  |              | <u> </u>                                         | ļ            |             |               |               |
|                                                  |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              | i                                                |              |             |               |               |
|                                                  |     |          | <u> </u>       |                                                  |                        | <u> </u>    |                    |        |              |          |          |          | <u> </u> |                |                                                  |              | ļ                                                |              | <u> </u>    |               |               |
|                                                  |     |          |                |                                                  |                        |             |                    |        |              |          |          |          |          |                |                                                  |              | 1                                                |              | !           |               | 1             |
| <b> </b>                                         |     | <u> </u> | <del> </del> - | Ļ                                                | ļ                      | ļ           |                    |        | <u> </u>     |          |          | <u> </u> |          | <u> </u>       | <u> </u>                                         |              | ļ                                                |              |             | <u> </u>      | <u> </u>      |
|                                                  |     |          | İ              |                                                  |                        |             |                    |        |              |          |          | ļ        | İ        | i              | l                                                | i            |                                                  |              |             | Ì             |               |
|                                                  |     | <u> </u> | <u></u>        | <del> </del>                                     | <u> </u>               | <del></del> | <u> </u>           |        | <u> </u>     | 11. 6    | <u> </u> | <u> </u> | <u></u>  | <u></u>        | <u> </u>                                         | <u> </u>     | <u> </u>                                         | <u> </u>     | <u> </u>    | <u> </u>      | l             |
| Element (X)                                      |     | 1200     | 7185           |                                                  | z <sub>x</sub><br>1956 | 73          | ₹<br>59 <b>,</b> 5 | 20 3   | 31           | No. 01   | 90       |          |          | - 22 F         |                                                  |              |                                                  | h Tempero    | ture ≥ 93   | <del>-</del>  | Total         |
| Dry Bulb                                         |     | 1724     | 6860           | <del> </del>                                     | 2275                   | 68          | 72.2               | 7.6    | 46           | 22       | 90       | ± 0      | <u> </u> | ± 32 F         | 70                                               |              | 73 F<br>48 • 1                                   | > 80 F       |             | -             | 90            |
| Wet Bulb                                         |     |          | 2799           | -                                                | 2054                   | 43          | 62.4               | 7.4    | 79           |          | 90       |          | _+       |                |                                                  | • 3          | 2.6                                              |              |             | • •           | 90            |
| Dew Point                                        |     |          | 8575           |                                                  | 1828                   |             | 55.5               |        |              |          | 91       |          |          | 4.6            |                                                  |              | - 4                                              | <del></del>  | <del></del> | <del> </del>  | <del>70</del> |

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-75

## **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 5,47-75

STATION STATION NAME

PA(E 1 21,0-250 Hours (c. s. t.)

| Temp.       |     |       |             |       |       |        | BULB |      |                  |         |                                                  |         |               |                                       |                                                  |               |          | TOTAL     |                 | TOTAL           |           |
|-------------|-----|-------|-------------|-------|-------|--------|------|------|------------------|---------|--------------------------------------------------|---------|---------------|---------------------------------------|--------------------------------------------------|---------------|----------|-----------|-----------------|-----------------|-----------|
| (F)         | 0   | 1 - 2 | 3 - 4       | 5 - 6 | 7 - 8 | 9 - 10 |      |      | 15 - 16          | 17 - 18 | 19 - 20                                          | 21 - 22 | 23 - 24       | 25 - 26                               | 27 - 28                                          | 29 - 30       | × 31     | D.S. W.B. | Dry Bulb        | fet Bulb        | Dew Point |
| 84/ 83      | İ   | i     |             |       | - [   |        | • 0  |      |                  |         |                                                  |         |               |                                       |                                                  |               |          | 1         | 1               |                 |           |
| 82/ 81      |     |       | [           |       |       |        | • 1  | • 0  |                  |         | <u> </u>                                         |         |               |                                       |                                                  | į             |          | ٦ ع       | _3              |                 |           |
| 80/ 79      | j   |       |             |       | . 2   |        | • 1  | . 1  |                  | .1      | İ                                                | .0      |               |                                       |                                                  |               |          | 22        | 22              |                 |           |
| 78/ 77      |     |       |             | _ 6   | • >   | • 2    | • 1  |      | •0               |         |                                                  |         | . 1           |                                       |                                                  | į             |          | 51        | 51              |                 |           |
| 76/ 75      |     | . 2   | 1.0         | 1.9   | 1.0   | . 7    | - 1  | , l  | • 1              | . 2     |                                                  | •0      | • C           |                                       |                                                  |               |          | 175       | 175             |                 |           |
| 74/ 73      |     | 1.2   |             |       | 100   | • 7    |      |      |                  |         |                                                  | • 1     | <u> </u>      | ن و ت                                 |                                                  |               |          | 751       | 35 l            | 1i              | و         |
| 72/ 71      | • 1 | 2.6   | 5.5         | 2.5   | 1.1   | • 4    |      | • 2  | . 3              | . 1     | .1                                               |         | • 6           |                                       |                                                  |               |          | 434       | 437             | 159             | 39        |
| 70/ 69      | . 3 |       | 4.8         | 2.4   | 1.0   | • 5    | • 5  | • 3  |                  | • 2     | .1                                               | .0      |               | <u> </u>                              |                                                  |               |          | 436       | 430             | 345             | 423       |
| 68/ 67      | • l |       | 3.8         |       | 1.2   | . 0    |      | . ti | . 2              | • 2     |                                                  |         |               | ļ                                     |                                                  | 1             |          | 203       | 362             | 400             | 319       |
| 66/ 65      | _ 3 | 2.2   | 2.8         | 1.2   | 1.0   | .8     | . 9  | . 6  | . 4              | .0      | ٠Û                                               |         |               |                                       |                                                  |               |          | 236       | 336             | 744             | 373       |
| 64/ 63      | • 2 |       | 1.3         | 1.1   | 1.1   | 1.0    |      | , 5  | • 2              |         | ļ                                                |         |               |                                       |                                                  |               |          | 269       | 259             | 340             | 377       |
| 62/ 61      | . 2 |       | . 8         | 1.1   | . 7   | 9      |      | .3   | • 1              | .0      |                                                  |         |               |                                       |                                                  |               |          | 195       | j 95            | 245             | 319       |
| 60/ 59      | • 1 | 1.0   | 1.0         | 1.1   | 1.0   | . 8    |      | . 3  |                  | •0      |                                                  |         |               | }                                     |                                                  | - 1           |          | 196       | 196             | 191             | 209       |
| 58/ 57      | • 2 | • 7   | • 9         | • 7   | • 5   | . 7    |      | . 1  | .1               | •0      | <u> </u>                                         |         |               | ļ                                     |                                                  |               |          | 142       | 142             | 215             | 146       |
| 56/ 55      | • 1 | . 3   | • 9         | • 5   | . 5   | • 5    | • 3  | • 1  |                  |         |                                                  |         |               |                                       |                                                  | 1             |          | 102       | 102             | 503             | 133       |
| 54/ 53      |     | • 5   | • 4         | • 2   | • 2   | • 2    |      | • 2  | •0               |         | <u> </u>                                         |         |               |                                       |                                                  |               |          | 64        | 44              | 168             | 148       |
| 52/ 51      |     | • 3   | • 3         | • 5   | • 3   | • 2    | • 1  |      |                  |         |                                                  |         |               | ł                                     |                                                  | -             |          | 53        | 53              | 184             | 133       |
| 50/ 49      |     | • 2   | • 3         | • 2   | - 4   |        | • 1  |      |                  |         | <b> </b>                                         |         |               | <u> </u>                              |                                                  |               |          | 40        | 40              | 129             | 122       |
| 48/ 47      |     | • 1   | • 1         | • 2   | ٠2    | • 1    |      |      |                  |         | i                                                |         |               | l                                     |                                                  | - 1           |          | 22        | 22              | 96              | 175       |
| 46/ 45      |     | • 1   | • 2         | • 1   |       |        | •0   |      |                  |         | <del> </del>                                     |         |               |                                       |                                                  |               |          | 15        | 15              | 66              | 121       |
| 44/ 43      |     |       | • 2         | • 0   | • 0   |        | . C  |      |                  |         | İ                                                |         |               | ł                                     |                                                  | }             |          | 8         | 8               | 49              | 97        |
| 42/ 41      |     |       | <u>• 1</u>  | • 1   |       | •0     |      |      |                  |         |                                                  | ļ       |               |                                       |                                                  |               |          | ٨.        | 6               | 38              | 319       |
| 38/ 37      |     |       |             | .1    | •0    |        |      |      |                  |         | ŀ                                                |         |               |                                       | i l                                              | i             |          | 4         | 4               | 23              | 82        |
| 36/ 35      |     |       | <del></del> | •੫    |       |        |      |      |                  |         | <b> </b>                                         |         |               | <b> </b>                              |                                                  |               |          | 1         |                 | · ·             | 78        |
| 35/ 33      |     |       |             |       |       |        |      |      |                  |         |                                                  |         |               | ļ                                     |                                                  | ŀ             |          |           | :               | 4               | 48        |
| 32/ 31      |     |       |             |       |       |        |      |      |                  |         | <b></b> -                                        | ii      |               |                                       |                                                  |               |          |           |                 | 6               | 57        |
| 30/ 29      |     |       |             |       | ļ     |        |      |      |                  |         |                                                  |         |               |                                       |                                                  |               |          |           |                 | 1               |           |
| 28/ 27      |     |       |             |       |       |        |      |      |                  |         | <del> </del>                                     | <b></b> |               |                                       | <del>                                     </del> |               |          |           |                 |                 | 23<br>15  |
| 26/ 25      | j   | i     |             | ľ     | 1     |        |      |      |                  |         | ]                                                |         |               | ļ                                     |                                                  | İ             |          | j j       |                 | j               | 13        |
| 24/ 23      |     |       |             |       |       |        |      |      |                  |         | $\vdash \vdash$                                  |         |               | <del> </del>                          |                                                  | <del></del> i |          |           | <del></del>     | — i             | 11        |
| 22/ 21      | İ   |       |             |       |       |        |      |      |                  |         |                                                  |         |               |                                       |                                                  | ļ             |          |           |                 | ļ               | 9         |
| 20/ 19      |     |       |             |       |       |        |      |      |                  |         | <del>                                     </del> |         |               |                                       | <del></del>                                      |               |          |           | <del></del>     |                 | 7         |
| 18/ 17      |     |       |             |       |       |        |      |      |                  |         |                                                  |         |               |                                       |                                                  | 1             |          |           | İ               |                 | 4         |
| Element (X) |     | Σχ'   |             |       | Σχ    | 7      | X    |      | <del>'   '</del> | No. Ob  | s.                                               | ·       |               | · · · · · · · · · · · · · · · · · · · | Mean N                                           | o. of He      | urs with | Temperat  | ure i           |                 |           |
| Rel. Hum.   |     |       |             |       |       |        |      |      |                  |         |                                                  | ± 0 I   | F :           | 32 F                                  | ≥ 67                                             |               | 73 F     | ≥ 80 F    | ≥ 93 F          | 1               | rotal .   |
| Dry Bulb    |     |       | -           |       |       | _      |      |      | _                |         | -                                                |         |               |                                       |                                                  |               |          |           | <del></del>     | <del>- </del> - |           |
| Wet Bulb    |     |       |             |       |       | 1      |      |      | <del>-   -</del> |         |                                                  |         | $\neg \vdash$ |                                       |                                                  | $\dashv$      |          |           | <del>- </del> - |                 |           |
| Dew Point   |     |       |             |       |       |        |      |      | $\neg$           |         |                                                  |         | _             |                                       |                                                  | -†-           |          |           | <del> </del>    | _               |           |
|             |     |       |             |       |       |        |      |      | ~                |         | <u>-</u>                                         |         |               |                                       | ·                                                |               |          |           |                 |                 |           |

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

SAFETAC FORM 0-26-3 (OL A) PR

RANDOLPH AFB TEXAS/SAN ANTONIO

STATION NAME

12911

STATION

### **PSYCHROMETRIC SUMMARY**

PAGE 2 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) ïemp. TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 16/ 15 14/ 13 2 127 11 TOTAL 1.517.028.319.012.0 8.7 5.1 3.6 2.0 3293 3292 1.1 .0 3292 3292 ٠<u>٫</u> Element (X) ΣX: ZX X No. Obs. Meon No. of Hours with Temperature 2372: ; 218445 199320 18150635 72.117.898 3292 Rel. Hum. ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total 66.3 6.927 60.5 8.035 56.211.410 14648759 50.3 90 Dry Bulb 3293 16.5 12280658 Wer Bulb 3292 25.3 90 • 0 10819573 16.0 90 Dew Point 184953 3292 .1

39-45,47-75

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE (OL A) 0.26

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

27.1

6.6

2.9

68.4

48.4

39.0

≥ 67 F ≥ 73 F > 80 F = 93 F

MAY

91

93

RANUDLPH AFB TEXAS/SAN ANTONIU 38-75 VEARS PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 80/ 79 .0 13 :3 78/ 77 1.5 97 97 2.5 5.5 364 76/ 75 2.1 364 35 10 5.1 7.2 522 522 7~ 7.4 72/ 71 331 477 .3 6.1 2.1 • 3 • 2 586 586 • 0 70/ 69 5.6 6.2 1.7 525 50º 4811 • 2 • 2 68/ 67 4.2 4.5 . 8 .0 409 410 495 514 1.9 • 3 • 1 • 0 428 3.4 290 66/ 65 3.2 290 44 .3 64/ 63 . 2 2.5 1.7 1.3 • 1 215 215 356 362 • 1 148 205 314 62/ 61 .0 148 • 0 60/ 59 . 1 . 7 . 7 • 1 104 104 165 209 142 58/ 57 57 139 • 3 56/ 55 44 44 93 111 54/ 53 . 1 17 67 122 54 52/ 51 14 50 . 1 • 1 14 50/ 49 37 52 48/ 47 24 49 51 46/ 45 44/ 43 20 42/ 41 16 40/ 39 10 38/ 37 36/ 35 34/ 33 4 30/ 23 ì 28/ 27 TOTAL 1.733.240.715.7 5.5 3422 3421 1.8 3421 3421

No. Obs.

3421

3422

3421

3421

≤ 0 F

± 32 F

OBSOLETE ARE PORM ZH: ö EDITIONS 4 ₫ 0.26.3

Element (X)

Rel Hum.

Dry Bulb

Wet Bulb

Dew Point

ZXZ

24049199

16454053

14862035

14037948

284695

236601

224595

217806

83.210.216

69.1 5.275 65.7 5.848

63.7 7.067

RANDOLPH AFE TEXAS/SAN ANTONIU

12911

## PSYCHROMETRIC SUMMARY

мдү

| STATION          | . :::      |              |                |          | ATION N        |     | A.V.         | //12.0 |        | 2,            | <del></del>  |          |         | 78      | ARS        |         |                |                                                  |              |          | <u> </u>    |
|------------------|------------|--------------|----------------|----------|----------------|-----|--------------|--------|--------|---------------|--------------|----------|---------|---------|------------|---------|----------------|--------------------------------------------------|--------------|----------|-------------|
|                  |            |              |                |          |                |     |              |        |        |               |              |          |         |         |            |         |                | PAG                                              | t 1          | HOURS (  | -05.)(      |
| Temp.            |            |              |                |          |                | WET | BIII B T     | ENDED  | ATIIDE | DEPRE         | SSION (      | <u> </u> |         |         |            |         |                | TOTAL                                            |              | TOTAL    | . 3. 1.1    |
| (F)              | 0          | 1 - 2        | 3 - 4          | 5 - 6    | 7 - 8          |     |              |        |        |               |              |          | 23 - 24 | 25 - 26 | 27 - 28    | 29 - 30 | × 31           | D.B. W.B.                                        | Dry Bulb     |          | Dew Pa      |
| 86/ 85           |            |              |                |          |                | .0  |              |        |        |               |              |          |         |         |            |         | 1              | 1                                                | 1            |          |             |
| 80/ 79           |            | 1            |                | . 1      | j              |     | l j          | Í      |        |               |              |          |         |         | <b>i</b> 1 |         |                | 3                                                | 3            |          |             |
| 78/ 77           |            | • 1          |                | • 2      |                |     | 1            | i      |        |               |              |          |         |         |            |         | 1              | 36                                               | 3 క          |          |             |
| 76/ 75           |            | 2.3          | 3.5            |          | ]              |     |              | • 0    |        |               |              |          |         |         | Ì          |         | ]              | 724                                              | 224          | 4        | ,           |
| 74/ 73           | • 4        | 5.9          | 5.5            | 1.0      | • 3            |     |              |        |        |               |              |          |         |         |            |         |                | 435                                              | 426          | 184      | 5.          |
| 72/ 71           | .7         |              | 4.7            | . 4      | - 1            | . 0 |              |        |        |               |              |          |         |         |            |         | <u> </u>       | 491                                              | 490          | 439      | <u>ა</u> ე4 |
| 70/ 69           | • 8        |              |                | • 7      | • 3            | • 1 | , ,          | 1      |        |               |              |          |         |         |            |         |                | 524                                              | 524          | 524      | 51          |
| 68/ 67           | • 6        |              |                | • 6      | _ • 5          | • 1 |              |        |        |               |              |          |         |         |            |         | <u> </u>       | 392                                              | 293          | 494      | 491         |
| 66/ 65           | ,, 4       |              |                | 1.1      | • 3            | • 2 |              | • 1    |        | ] ]           |              |          |         |         |            |         | ]              | 399                                              | 320          | 404      | 42          |
| 64/ 63           | . 4        |              |                | 1.1      | • 2            | • 1 |              |        |        |               |              |          |         |         |            |         | <u> </u>       | 292                                              | 292          |          | 38          |
| 62/ 61           | . 3        |              |                | • 7      | • 0            | . 1 |              | 1      | • 0    | 1 1           |              |          |         |         |            |         | 1              | 191                                              | 191          | 275      | 25          |
| 60/ 59           | <u>• 2</u> |              |                | • 6      | . 1            | .0  |              | • 0    |        |               |              |          |         |         |            |         | ļ              | 134                                              | 134          | 240      | 22.         |
| 58/ 57           | • 1        |              |                | • 4      | . 3            | • 1 |              | •0     |        |               |              |          |         |         | } }        |         | !              | 118                                              | 118          | 152      | 19          |
| 56/ 55           | <u>.0</u>  |              |                |          | - 2            | • 1 |              |        |        | <del> </del>  |              |          |         |         |            |         | <del> </del> - | 52                                               | 52           | 126      | 119         |
| 54/ 53           |            | .4           |                | . 3      | • 1            | •0  |              |        |        | 1 1           |              |          |         |         |            |         | 1              | 42                                               | 42           | 74       | 13          |
| 52/ 51<br>50/ 49 |            | . 2          |                | • 1      | • 1            |     | <del> </del> |        |        | <del>  </del> |              |          |         |         |            |         | <del> </del>   | 27                                               | 27           |          | 30          |
| 48/ 47           |            | •1           |                | • l      | .0             |     | }            | }      |        | 1 1           |              |          |         |         | i          |         |                | 23<br>15                                         | 23<br>16     | 40<br>43 | 4"          |
| 46/ 45           |            | .0           |                |          | • •            |     |              |        |        |               |              |          |         |         |            |         | <del> </del>   | 4                                                | 4            | 25       | 4)          |
| 44/ 43           |            | • •          | o              | i        |                |     | li           |        |        |               |              |          |         |         |            |         | 1              | 1 1                                              | 1            | 13       | 38          |
| 42/ 41           |            |              | ••             |          |                |     |              |        |        |               |              |          |         |         |            |         | <del> </del> - |                                                  |              |          | 2           |
| 40/ 39           |            | {            | 1              |          |                |     | 1 1          | - (    |        | ( (           | ı            |          |         |         | 1          |         |                | 1 1                                              |              |          | ì           |
| 38/ 37           |            | <del> </del> | <del> </del> - |          |                |     |              |        |        |               |              |          |         |         |            |         | <del> </del> - | <del>                                     </del> |              |          | 70          |
| 36/ 35           |            | i '          | {              |          | į              |     | i i          | f      |        | ( (           | i            |          |         |         | 1          |         | ĺ              | 1 1                                              |              |          |             |
| 34/ 331          |            |              |                |          |                |     |              |        |        | 1             |              |          |         |         |            |         | <del> </del>   | i                                                |              |          |             |
| 32/ 31           |            |              | ]              |          |                |     | 1 1          | ]      |        | 1             |              |          |         |         | }          |         | 1              | }                                                |              |          |             |
| 30/ 29           |            | i            |                |          |                |     |              |        |        |               |              |          |         |         |            |         |                | l                                                |              |          |             |
| 28/ 27           |            | 1            | 1 1            |          | i              |     | 1 1          |        |        | 1 1           |              |          |         | 1       | ĺ          |         | į              |                                                  | ı            |          |             |
| OTAL             | 3.9        | 49.6         | 34.7           | 8.3      | 2.2            | • 9 | • 3          | • 1    | • 0    |               |              |          |         |         |            |         |                | i                                                | 3426         |          | 342         |
| ļ                |            | [            | [              |          |                |     | 1 1          | :      |        | 1 1           |              | 1        |         |         | 1          |         | [              | 3425                                             |              | 3425     |             |
|                  |            |              |                |          |                |     |              | 7      |        |               |              |          |         |         |            |         |                |                                                  |              |          |             |
| - <del></del> -  |            | <b></b>      | ļ              |          |                |     |              |        |        |               |              |          |         |         | <u> </u>   |         |                | <b> </b>                                         |              |          |             |
|                  |            | <u> </u>     |                |          |                |     |              |        |        | <u>i</u>      |              |          |         |         |            |         |                |                                                  |              |          |             |
| lement (X)       |            | Σχ'          | 6306           |          | Σ <sub>χ</sub> |     | 7            | 7,     |        | No. Ob        |              |          |         |         |            |         |                | Temperat                                         | <del></del>  |          |             |
| Jl. Hum.         |            |              | 5725           |          | 2971           |     | 86.8         |        |        | 34            |              | = 01     |         | 32 F    | ≥ 67       |         | 73 F           | → 80 F                                           | e 93 F       |          | Total O     |
| Dry Bulb         |            |              | 6592           |          | 2311           |     | 67.5         |        |        | 34            |              |          |         |         | 57         |         | 19.1           | <u> </u>                                         | <u> </u>     |          | 9           |
| Wet Bulb         |            |              | 9916           |          | 2220           |     | 64.8         |        |        | 34            |              |          |         |         | 44         |         | 5.1            |                                                  | <del> </del> |          | 9           |
| Dew Point        |            | 1390         | 4368           | <u> </u> | 2167           | 76  | 65.3         | 7.2    | 33     | 34            | <u> 25  </u> |          |         | • 1     | 38.        | 1       | ٤٠3            | <u> </u>                                         |              |          | 9           |

USATETAC FORM APE CBSOLETE

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

USAFETAC

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 39-75 U607-000U HOURS (L. S. T.)

| Temp.            |     |        |              |                |         |        |          |                                                  |          |          | SSION (I |               |         |          |              |             |                                                  | TOTAL          |                | TOTAL    |           |
|------------------|-----|--------|--------------|----------------|---------|--------|----------|--------------------------------------------------|----------|----------|----------|---------------|---------|----------|--------------|-------------|--------------------------------------------------|----------------|----------------|----------|-----------|
| (F)              | 0   | 1 - 2  | 3 - 4        | 5 - 6          | 7 - 8   | 9 - 10 | 11 - 12  | 13 - 14                                          | ?5 - 16  | 17 - 18  | 19 - 20  | 21 - 22       | 23 - 24 | 25 - 26  | 27 - 26      | 29 - 30     | ) ≥ 31                                           | D.B. W.B.      | Dry Bulb       | Wet Bulb | Dew Point |
| 96/ 95           |     |        |              |                |         |        |          |                                                  |          |          | .0       |               |         |          |              |             | 1                                                | 1              | 1              |          |           |
| 82/ 81           |     |        |              | • ∪            | • ∪     |        |          |                                                  |          |          |          | i             |         |          |              |             | <u> </u>                                         | . 2            | 2              |          | <u> </u>  |
| 80/ 79           |     |        | . 2          | • 5            | • 3     | .0     |          |                                                  |          |          |          |               |         |          | j            |             | ļ                                                | 34             | <sup>2</sup> 5 |          |           |
| 78/ 77           | •0  |        |              | 1.7            | .4      |        | • 1      |                                                  |          |          | į        |               |         |          |              |             |                                                  | 150            | 150            | 2        | 1         |
| 76/ 75           | • 1 | 2.6    | 4.5          | 3.1            | • 5     | • 1    | .0       |                                                  |          |          |          |               |         |          | i            |             |                                                  | 377            | 377            | 35       |           |
| 74/ 73           | . 3 |        | 6.8          | 2.2            | . 5     |        |          | •0                                               | .0       |          |          |               |         |          | !            |             | <u> </u>                                         | 432            | , a 2          | 247      | 114       |
| 72/ 71           | • 6 | 6.5    | 5.3          | 2.0            | , 4     |        | ٠Ž       | . 1                                              | •0       | }        |          | - 1           |         |          |              |             |                                                  | 521            | 521            | 473      | 325       |
| 70/ 69           | 5 • |        | 5.3          | 1.8            | .6      |        | • 1      | • 1                                              |          |          |          |               |         |          | !            |             |                                                  | 503            | 303            | SAC      |           |
| 68/ 67           | . 5 | 4.8    |              |                | •6      | • 3    | • 2      | • 0                                              |          |          | ]        | l             |         |          | 1            |             |                                                  | 410            | 413            | 500      | 572       |
| 66/ 65           | • 3 |        | 2.0          | 1.1            | .3      |        | • 0      | • 1                                              | • 1      |          |          | [             |         |          | !            |             | <u> </u>                                         | 314            |                | 415      | 444       |
| 64/ 63           | . 3 | 2.7    |              |                |         |        |          |                                                  | •0       |          | i        | - 1           |         |          | İ            |             |                                                  | 222            | 222            | 321      | 331       |
| 62/ 61           | • 1 | 1.5    | .9           | •6             | • 3     |        | • 1      |                                                  |          |          |          |               |         |          |              |             | <del> </del>                                     | 125            |                | 255      | 297       |
| 60/ 59           | • 2 | 1.0    | •9           | •6<br>•2<br>•3 | • 4     | • 2    |          |                                                  |          | į        |          | ĺ             |         |          |              |             |                                                  | 151            | 101            | 173      | 207       |
| 58/ 57           | • 1 | . 8    | .4           | • 3            | 3       |        | •0       | •0                                               |          |          |          | <u> </u>      |         |          |              |             |                                                  | 64             | 56             | 121      | 144       |
| 56/ 55           |     | •7     |              |                |         | • 1    |          |                                                  |          | İ        |          | ĺ             |         |          |              |             | 1                                                | 40             | 43             | 103      | 109       |
| 54/ 53           |     | • 1    | .3           |                |         | • 1    |          |                                                  |          |          |          |               |         |          |              |             |                                                  | 35             | 35             | 5 P      | 96        |
| 52/ 51           |     | .1     |              | • 1            |         |        |          |                                                  |          |          |          | - 1           |         |          | - 1          |             |                                                  | 15             |                | 49<br>42 | 64        |
| 50/ 49<br>48/ 47 |     | .0     |              | • 0            | •0      |        |          |                                                  |          | -        |          |               |         |          |              |             | +                                                | 10             |                | 21       | 35<br>46  |
| 46/ 45           |     | .1     |              | • •            |         |        |          |                                                  | ĺ        | 1        |          | l             |         |          |              |             | Ì                                                | 1 2            | 1 0            | 18       |           |
| 44/ 43           |     | •••    | <del>`</del> | -              |         |        |          |                                                  |          |          |          |               |         |          | ——— <u> </u> |             | <del>- </del>                                    |                |                |          | 37        |
| 42/ 41           |     |        |              |                |         |        |          |                                                  |          |          |          | Į             |         | łi       | 1            |             | į                                                |                | i              | 3        | 24        |
| 40/ 39           |     |        | <del> </del> | l              |         |        |          | -                                                |          |          |          | <del>i</del>  |         | <u> </u> |              |             | 1                                                | <del>   </del> |                |          | 10        |
| 38/ 37           |     |        | 1            |                |         |        |          | 1                                                |          |          |          | - 1           |         |          | . !          |             | 1                                                | ,              | j 1            | ,        | 4         |
| 36/ 35           |     |        | <del></del>  |                | l ——    |        |          | <del>                                     </del> |          |          | i        | <del></del> i |         |          |              |             | 1                                                |                |                |          | -         |
| 34/ 33           |     |        |              |                | Ì       |        |          |                                                  |          | ļ        |          |               |         |          |              |             |                                                  |                |                |          | 6         |
| 32/ 31           |     |        | <u> </u>     | -              |         |        |          | i                                                |          | T —      | !        | i i           |         |          |              |             | <del>                                     </del> |                |                |          | 3         |
| 30/ 29           |     |        | İ            |                | ļ       |        |          |                                                  |          |          | l i      |               |         |          |              |             |                                                  | 1              |                |          | 1         |
| TOTAL            | 3.0 | 35.7   | 36.3         | 15.4           | 5.2     | 2.2    | . 8      | • 3                                              | .1       |          | .0       |               |         |          |              |             | i                                                |                | 3436           |          | 3435      |
| L                |     |        |              |                |         |        |          | İ                                                |          | <u> </u> |          |               |         |          |              |             |                                                  | 3435           |                | 3435     | l         |
|                  |     |        | <u> </u>     |                | Ī       | i      |          |                                                  |          |          |          |               |         |          | i            |             |                                                  |                |                |          |           |
|                  |     |        |              |                |         |        |          |                                                  | <u> </u> |          |          |               |         |          |              |             | 1                                                |                |                |          | İ         |
|                  |     |        |              |                |         |        |          |                                                  |          |          |          |               |         |          |              |             |                                                  |                |                |          |           |
|                  |     | ـــــا | <u> </u>     |                | <u></u> | L.,    |          |                                                  | <u> </u> | <u> </u> | <u> </u> |               |         | <u> </u> |              |             | <u> </u>                                         | <u> </u>       |                |          | L         |
| Element (X)      |     | ΣX;    |              |                | Z X     | _      | <u> </u> | 7                                                |          | No. OI   |          |               |         |          |              |             |                                                  | h Temporos     |                |          |           |
| Rel. Hum.        |     |        | 7748         |                | 2875    | 54     | 83.7     | 10.4                                             | 60       |          | 35       | ± 0 F         |         | 32 F     | ≥ 67         |             | ≥ 73 F                                           | ≥ 80 F         | ≥ 93 F         |          | Total     |
| Dry Bulb         |     | 1653   | 5246         |                | 2375    |        | <u> </u> | 5.7                                              | 12       |          | 36       |               |         |          | 67           |             | 28.6                                             |                | <u> </u>       | • 0      | 43        |
| Wet Bulb         |     |        | 1313         |                | 2258    |        |          | 6.0                                              |          |          | 35       |               |         |          | 49           | <u></u>     | 7.7                                              |                |                | _        | 73        |
| Dew Point        |     | 1415   | 1690         |                | 2191    | 16     | 00.8     | 7.1                                              | /5       | 34       | 35       |               |         | • 1      | 40           | <u>• 41</u> | 3,4                                              | 1              |                |          | 93        |

FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

USAFETAC

## **PSYCHROMETRIC SUMMARY**

PAGE 1 J9V7-1100
HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)

0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point

| Temp.            |            |                 |       |                                                  |                                                  | WET                                              | BULB                                             | EMPER                                            | ATURE                                            | DEPRE                                            | SSION (                                          | F)                                               |              |                                                  |          |                                                  |              | TOTAL                                            |          | TOTAL     |          |
|------------------|------------|-----------------|-------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|----------|--------------------------------------------------|--------------|--------------------------------------------------|----------|-----------|----------|
| (F)              | 0          | 1 - 2           | 3 - 4 | 5 - 6                                            | 7 - 8                                            | 9 - 10                                           | 11 - 12                                          | 13 - 14                                          | 15 - 16                                          | 17 - 18                                          | 19 - 20                                          | 21 - 22                                          | 23 - 24      | 25 - 26                                          | 27 - 28  | 29 - 30                                          | ≥ 31         | D.B. W.B.                                        | Dry Bulb | Wet Bulb  | Dew Po   |
| 92/ 91           |            |                 |       |                                                  |                                                  |                                                  |                                                  | •0                                               |                                                  |                                                  |                                                  |                                                  |              |                                                  |          |                                                  |              | 1                                                | 1        |           |          |
| 90/ 87           | - 1        |                 |       | _                                                |                                                  | Ĺ l                                              | i                                                | • 0                                              | .1                                               | .0                                               |                                                  |                                                  |              |                                                  |          |                                                  | l            | 4                                                | 4        |           |          |
| 88/ 87           |            |                 |       |                                                  |                                                  | • 1                                              | . 2                                              | • 2                                              | .2                                               | • 2                                              | •0                                               | • 0                                              | •0           |                                                  |          |                                                  | Ì            | 34                                               |          |           |          |
| 86/ 85           |            |                 |       | • 0                                              | • 3                                              | .7                                               | 1.0                                              | .7                                               | .3                                               |                                                  | .1                                               |                                                  | •0           | •0                                               | _ • ડે   |                                                  | 1            | 110                                              | 110      |           |          |
| 84/ 83           |            |                 |       | • 1                                              | • 6                                              |                                                  | 2.1                                              | 1.2                                              | .3                                               | • 2                                              | .0                                               | • 1                                              |              |                                                  |          |                                                  | ĺ            | 242                                              | 242      |           |          |
| 82/ 81           |            |                 | • 0   | . 8                                              | 2.5                                              |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | . 1                                              |              | • ()                                             |          |                                                  |              | 359                                              |          |           |          |
| 80/ 79           |            |                 | • 7   | 2.9                                              | 4.2                                              |                                                  | 1.9                                              | • 8                                              |                                                  |                                                  |                                                  | •0                                               | ]            | • 0                                              |          |                                                  | 1            | 540                                              | 540      | _         | İ        |
| 78/ 77           |            | . 3             |       |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | •0                                               |              |                                                  |          |                                                  | <u> </u>     | 539                                              |          | 26        |          |
| 76/ 75           |            | • 6             |       |                                                  | 3,4                                              |                                                  | .6                                               |                                                  |                                                  |                                                  |                                                  | • 1                                              | 1            |                                                  |          |                                                  | İ            | 506                                              |          | 173       |          |
| 74/ 73           |            | . 7             | 1.6   |                                                  | 1.9                                              |                                                  |                                                  | -                                                |                                                  |                                                  |                                                  |                                                  |              |                                                  |          | .0                                               | 1            | 342                                              |          | 451       | 12       |
| 72/ 71           | . 0        |                 | 1.6   | 1.7                                              | 1.0                                              | • 9                                              | .6                                               |                                                  |                                                  |                                                  | .0                                               |                                                  | 1            |                                                  |          |                                                  | 1            | 266                                              |          | 540       |          |
| 70/ 69           | <u>. l</u> |                 |       |                                                  | •6                                               |                                                  |                                                  |                                                  |                                                  |                                                  | ļ                                                |                                                  | <u> </u>     |                                                  |          |                                                  | <u> </u>     | 184                                              |          | 574       |          |
| 68/ 57           | . 1        |                 | 1.0   |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | •0                                               | ı                                                |                                                  |              |                                                  |          |                                                  | 1            | 105                                              |          | 475       |          |
| 66/ 65           | • 1        | • 6             | •6    |                                                  |                                                  |                                                  |                                                  | • 1                                              |                                                  | •0                                               | ļ                                                | <u> </u>                                         |              |                                                  |          | <u> </u>                                         | ↓            | 81                                               | 81       | 329       |          |
| 64/ 63           | • 1        |                 |       |                                                  |                                                  |                                                  | 2 1                                              |                                                  |                                                  | }                                                |                                                  |                                                  | ŀ            |                                                  |          |                                                  |              | 57                                               |          | 218       |          |
| 62/ 61           | . 1        | • 2             | • 2   | • 1                                              |                                                  | • 1                                              | • 1                                              | •0                                               | <u> </u>                                         |                                                  | <u> </u>                                         |                                                  |              |                                                  |          | <del> </del>                                     | <del> </del> | 3^                                               |          |           |          |
| 60/ 59           | • 1        |                 |       | 1 1                                              |                                                  |                                                  |                                                  |                                                  | ]                                                | Ì                                                |                                                  |                                                  | Ì            |                                                  |          |                                                  |              | 21                                               |          | 103<br>73 | _        |
| 58/ 57<br>56/ 55 |            | • <u>1</u>      | • 2   | •1                                               | •1                                               | • C                                              |                                                  |                                                  | <del> </del>                                     |                                                  |                                                  | <del> </del>                                     |              |                                                  |          | ├                                                | <del> </del> | 15                                               | 4        | 52        |          |
| 54/ 53           | ^          | • 1             |       |                                                  |                                                  | ĺ                                                | •0                                               |                                                  | ĺ                                                |                                                  | İ                                                | ļ                                                |              |                                                  |          |                                                  | 1            | ;                                                | 1 7      | 44        | í        |
| 52/ 51           | •0         |                 |       | <b> </b>                                         |                                                  | -                                                | <del> </del>                                     |                                                  |                                                  | <del> </del>                                     |                                                  |                                                  |              | <u> </u>                                         | <u> </u> |                                                  | <del></del>  | 1                                                | 1        | 25        |          |
| 50/ 49           | • •        |                 |       |                                                  |                                                  |                                                  |                                                  |                                                  | İ                                                |                                                  |                                                  |                                                  | •            |                                                  |          | ł                                                |              | 1 *                                              | 1 1      | 10        |          |
| 48/ 47           |            | $\vdash$        |       |                                                  | <del> </del>                                     | <del> </del> -                                   |                                                  |                                                  | <del> </del>                                     | <del> </del>                                     | <b> </b>                                         | <del> </del>                                     | <del> </del> |                                                  |          | <del>                                     </del> | 1-           | <del> </del>                                     |          | 4         | 7        |
| 40/ 45           |            |                 |       | İ                                                | ļ                                                |                                                  |                                                  | i                                                | 1                                                |                                                  | ł                                                |                                                  | ļ            |                                                  |          |                                                  | 1            |                                                  |          | 2         | l _      |
| 44/ 43           |            |                 |       | <del>                                     </del> | <del> </del>                                     | t                                                | <del>                                     </del> |                                                  | <del></del>                                      | <del> </del>                                     |                                                  | <del>                                     </del> |              | <del>                                     </del> |          | <del></del>                                      | <del> </del> | <del>                                     </del> |          | 1         | 2        |
| 42/ 41           |            |                 |       |                                                  |                                                  |                                                  |                                                  | ł                                                |                                                  | į                                                |                                                  |                                                  |              | l '                                              | i        |                                                  | 1            | ļ                                                |          | _         | 1 2      |
| 40/ 39           |            |                 |       | <u> </u>                                         | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |              |                                                  |          | † <del></del>                                    |              | <del> </del>                                     | 1        | -         | 1        |
| 38/ 37           |            |                 |       | ļ                                                |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |                                                  | 1        | 1                                                | ļ            | 1                                                |          |           |          |
| 36/ 35           |            |                 |       |                                                  | <del> </del>                                     | T                                                | $\vdash$                                         |                                                  |                                                  | <del>                                     </del> | i                                                | <del>                                     </del> |              |                                                  | <u> </u> |                                                  | 1            | <del>                                     </del> | 1        |           |          |
| 34/ 33           |            |                 |       |                                                  |                                                  |                                                  |                                                  | ļ                                                |                                                  |                                                  | ļ                                                |                                                  | !            |                                                  |          |                                                  |              |                                                  | ļ        |           |          |
| 32/ 31           |            |                 |       | <del></del>                                      | l                                                | <del></del> -                                    | T                                                |                                                  |                                                  | i                                                | i                                                | <del>                                     </del> | 1            |                                                  |          | T-                                               | T            |                                                  | 1        |           | <u> </u> |
| 30/ 29           |            | ]               |       |                                                  | ļ                                                |                                                  |                                                  | ĺ                                                |                                                  | ļ                                                | ļ                                                |                                                  | I            |                                                  |          |                                                  |              | 1                                                |          |           |          |
| 28/ 27           |            | i               |       |                                                  |                                                  | i                                                | $\vdash$                                         | <u> </u>                                         |                                                  |                                                  |                                                  |                                                  | $\Box$       |                                                  |          | <u> </u>                                         |              | <del>                                     </del> |          |           | <u> </u> |
| 6/ 5             |            | l               | 1     |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | ļ                                                |                                                  |              |                                                  |          |                                                  |              |                                                  |          |           |          |
| Element (X)      |            | Z <sub>X²</sub> |       |                                                  | Z X                                              |                                                  | X                                                | <b>*</b> <sub>X</sub>                            |                                                  | No. O                                            | )S.                                              |                                                  |              |                                                  | Mean     | No. of H                                         | lours wil    | h Tenipero                                       | ture     |           |          |
| Ral. Hum.        |            |                 |       |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | ⊴ 0                                              | F :          | 32 F                                             | ≥ 67     | F                                                | ≥ 73 F       | ≥ 80 F                                           | ≥ 93 1   | F.        | Total    |
| Dry Bulb         |            |                 |       | i                                                |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |                                                  | !        |                                                  |              |                                                  |          |           |          |
| Wet Bulb         |            |                 |       |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |                                                  |          |                                                  |              |                                                  |          |           |          |
| Dew Point        |            |                 |       |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |                                                  |          |                                                  |              |                                                  |          |           |          |

## **PSYCHROMETRIC SUMMARY**

TOTAL

RANDOLPH AFE TEXAS/SAN ANTONIO 44Y

WET BULB TEMPERATURE DEPRESSION (F)

0900-1100 HOURS (L. S. T.) PAGE Z

TOTAL

| temb.        |       |       | ,,                                            |              | ,              |                                                  | 0020         | EMI LI                | ~                                                |            | 331011 (                                      | <u>·</u>     |             |              |              |          |                                                  | .0.25        |          |                                                  |              |
|--------------|-------|-------|-----------------------------------------------|--------------|----------------|--------------------------------------------------|--------------|-----------------------|--------------------------------------------------|------------|-----------------------------------------------|--------------|-------------|--------------|--------------|----------|--------------------------------------------------|--------------|----------|--------------------------------------------------|--------------|
| (F)          | 0 _ [ | 1 - 2 | 3 - 4                                         | 5 . 6        | 7 - 8          | 9 - 10                                           | 11 - 12      | 13 - 14               | 15 - 16                                          | 17 - 18    | 19 - 20                                       | 21 - 22      | 23 - 24     | 25 - 26      | 27 - 28      | 29 - 30  | ≥ 31                                             | D.B. W.B.    | Dry Bulb | Wet Bulb                                         | Dew Pos      |
| DTAL         | . 5   | 5.7   | 12.0                                          | 18.3         | 20.5           | 19.0                                             | 11.4         | 6.6                   | 2.9                                              | 1.9        | .6                                            | • 3          | , 1         | •1           | • U          |          |                                                  |              | 3449     |                                                  | 344          |
| ŀ            |       |       |                                               |              |                | -                                                |              |                       |                                                  |            | _                                             |              |             |              |              | i        |                                                  | 3447         |          | 3442                                             | l            |
|              |       |       |                                               |              |                |                                                  |              |                       |                                                  |            |                                               |              |             |              |              |          |                                                  |              |          | <del> </del>                                     | <del> </del> |
| 1            |       |       |                                               |              | 1              |                                                  |              |                       |                                                  |            |                                               |              |             |              |              |          |                                                  |              |          |                                                  | [            |
|              |       |       |                                               | <del> </del> |                |                                                  |              |                       |                                                  |            |                                               |              |             |              |              |          | <del> </del>                                     | <u></u>      |          | <del> </del>                                     | <del> </del> |
| i            |       |       |                                               | 1            |                |                                                  |              |                       |                                                  |            |                                               |              |             | 1            |              |          | 1                                                |              |          |                                                  | İ            |
|              |       |       |                                               |              |                |                                                  |              |                       |                                                  |            |                                               |              |             |              |              |          | <del> </del>                                     |              |          | <del> </del>                                     | <del> </del> |
| ŀ            |       |       |                                               |              | <b>!</b>       |                                                  |              |                       |                                                  |            |                                               |              |             |              |              |          | ]                                                |              |          |                                                  |              |
|              |       |       | <u> </u>                                      | <u>'</u> ——  | -              |                                                  |              |                       |                                                  |            |                                               |              |             | <b></b> -    |              |          |                                                  | <del> </del> |          |                                                  | <del> </del> |
| ŀ            |       |       |                                               |              |                |                                                  | i i          |                       |                                                  |            |                                               |              |             | !            |              |          | 1                                                |              |          |                                                  |              |
|              |       |       | <u> </u>                                      |              |                |                                                  |              |                       |                                                  |            | <u> </u>                                      |              |             |              |              |          | ļ                                                |              |          | <del></del>                                      | ļ            |
|              |       |       |                                               |              | 1              |                                                  |              |                       |                                                  |            |                                               |              |             |              | 1            | i        | ł                                                | ļ            |          | 1                                                | i            |
|              |       |       |                                               |              |                |                                                  |              |                       |                                                  |            |                                               |              |             |              |              |          | <u> </u>                                         | <u> </u>     |          |                                                  |              |
| 1            |       |       | i l                                           | [            |                |                                                  |              |                       |                                                  |            | i                                             |              | 1           |              | i .          |          | 1                                                | Į.           |          |                                                  |              |
|              |       |       | <u>i                                     </u> |              |                | <u> </u>                                         |              |                       |                                                  |            |                                               |              |             |              |              |          |                                                  |              |          |                                                  |              |
|              |       |       |                                               |              |                |                                                  |              | ì                     |                                                  |            |                                               |              |             | 1            |              |          |                                                  |              |          |                                                  |              |
|              |       |       |                                               |              | i i            |                                                  |              | j l                   |                                                  |            | Ì                                             | }            |             |              | ,            | !        |                                                  | l            |          | 1                                                | ļ            |
|              |       |       | t                                             |              |                |                                                  |              |                       | i                                                |            |                                               |              |             |              |              |          |                                                  |              |          |                                                  |              |
|              |       |       | 1                                             |              | i              | l                                                |              |                       |                                                  |            | ĺ                                             |              | ĺ           |              |              | 1        |                                                  | ļ            |          | 1                                                | 1            |
|              |       |       | l                                             |              | <u> </u>       |                                                  | $\vdash$     |                       |                                                  |            |                                               |              |             |              |              |          | <del>                                     </del> |              |          | i                                                | <del></del>  |
|              |       |       |                                               |              |                |                                                  |              |                       | l                                                | 1          |                                               |              | ĺ           |              | 1            | !        | ļ                                                | i            |          | i                                                |              |
| <del>-</del> |       |       |                                               |              | <b></b> -      |                                                  |              |                       |                                                  |            |                                               | <b>-</b>     |             | <del> </del> |              |          | <del>                                     </del> |              |          |                                                  | <del> </del> |
| ł            |       |       |                                               |              |                | l                                                |              | l                     |                                                  | Ì          | l                                             |              |             | 1            | l            | 1        |                                                  |              |          | ļ                                                | i            |
| -            |       |       | <del> </del>                                  | <del> </del> | <del> </del>   | <del>                                     </del> | <del> </del> |                       | <b></b>                                          | <b> </b> - | ·                                             |              |             | <del></del>  | <u> </u>     |          | <del>                                     </del> |              |          | <del>                                     </del> |              |
| ĺ            |       |       | İ                                             | i            | 1              |                                                  |              | •                     | l                                                | ŀ          | l                                             | 1            |             |              | !            | i        | l                                                | ]            |          | 1                                                |              |
|              |       |       | ├                                             |              | <del> </del> - |                                                  |              | <del> </del>          | <del> </del>                                     |            |                                               | <del> </del> | <b> </b>    | <del> </del> | <del> </del> |          | <del> </del>                                     |              |          | <del> </del>                                     | <del> </del> |
| ļ            |       |       | ļ                                             |              | ļ              |                                                  |              |                       | l                                                | i          | !                                             | İ            |             |              |              |          | 1                                                |              |          |                                                  | l            |
|              |       |       | <u> </u>                                      | <u> </u>     | ļ              |                                                  |              |                       | <del>                                     </del> |            | <u> </u>                                      | <u> </u>     |             |              |              |          |                                                  | <del> </del> |          | ļ                                                | <del> </del> |
|              |       |       | 1                                             |              |                | ]                                                |              | l                     | l                                                | ł          | •                                             | İ            |             |              | l            | Į        |                                                  | l            |          |                                                  | 1            |
|              |       |       | <u> </u>                                      |              | <u> </u>       | <u> </u>                                         | L            |                       | ļ                                                | <u> </u>   | <u>i                                     </u> |              | Ļ           |              |              | ļ        | <del> </del>                                     |              |          | <u> </u>                                         | ļ            |
|              |       |       | 1                                             |              | l              |                                                  | Ì            | i                     |                                                  |            |                                               |              | l           | ŀ            |              |          | ĺ                                                | ļ            | 1        |                                                  |              |
|              |       |       | <u> </u>                                      |              | <u> </u>       |                                                  | <u> </u>     |                       |                                                  |            | ļ                                             | <u> </u>     | <u> </u>    |              | !            |          | <u> </u>                                         | <u></u>      |          | <u> </u>                                         | <u> </u>     |
| ĺ            |       |       | 1                                             |              |                | [                                                | 1            | 1                     |                                                  |            |                                               |              | l           | ļ            | [            | 1        | 1                                                | Į.           |          | İ                                                | ļ            |
|              |       |       | <u> </u>                                      |              |                |                                                  | <u> </u>     |                       | <u></u>                                          |            |                                               | <u> </u>     | L           | <u> </u>     | <u></u>      | <u></u>  |                                                  | L            |          | <u> </u>                                         | <u> </u>     |
|              |       |       |                                               |              |                |                                                  |              |                       |                                                  |            |                                               | !            |             | 1            |              |          | 1                                                |              |          |                                                  |              |
|              |       |       |                                               |              | 1              |                                                  | <u> </u>     |                       |                                                  |            |                                               |              | <u> </u>    | <u> </u>     | <u> </u>     |          |                                                  | L            |          | i                                                | <u> </u>     |
| Element (X)  |       | Σχ²   |                                               |              | ZX             |                                                  | X            | <i>σ</i> <sub>χ</sub> |                                                  | No. O      | ·s.                                           |              |             |              | Mean I       | to. of H | ours with                                        | h Tempera    | ture     |                                                  |              |
| Rel. Hum.    |       | 1621  | 6282                                          |              | 2313           | 56                                               | 67.1         | 14.1                  | 31                                               | 24         | 47                                            | ± 0          | F           | ≤ 32 F       | ≥ 67         | F i      | 73 F                                             | ≥ 80 F       | 2 93     | F                                                | Total        |
| Dry Bulb     |       | 2016  | 3126                                          |              | 2630           | 00                                               | 76.3<br>68.2 | 5.6                   | 05                                               |            | 49                                            |              |             |              |              |          |                                                  |              | 9        |                                                  | 9.           |
| Wet Bulb     |       | 1612  | 4499                                          | 1            | 2351           | 05                                               | 68.2         | 5.2                   | 12                                               |            | 48                                            |              | $\neg \neg$ |              | 65           | - 8      | 17.6                                             | 27.          | 1        |                                                  | 9            |
| Dew Point    |       |       | 2962                                          | <del> </del> | 2202           | 35                                               | 63.9         | 3 3                   | 30                                               |            | 47                                            |              |             |              | 39           |          | 4,1                                              | <del> </del> |          | <del></del> -                                    | 93           |

USAFETAC FORM ARE OBSOLETE JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### **PSYCHROMETRIC SUMMARY**

| TION          | RA         | NOOL                                             | РН А             |                                                  | ATION NA  |        | ANT      | 3N1L           |          | 33-            | 75        |         |            | YEA            | RS            |              |            |             |               |                 | AY<br>NTH         |
|---------------|------------|--------------------------------------------------|------------------|--------------------------------------------------|-----------|--------|----------|----------------|----------|----------------|-----------|---------|------------|----------------|---------------|--------------|------------|-------------|---------------|-----------------|-------------------|
|               |            |                                                  |                  |                                                  |           |        |          |                |          |                |           |         |            |                |               |              |            | PA÷c        | : 1           | 1200<br>HOURS 6 | -147<br>L. S. T.) |
| mp.           |            |                                                  |                  |                                                  |           |        |          |                |          |                | SSION (F  |         |            |                |               |              |            | TOTAL       |               | TOTAL           |                   |
| _:            | 0          | 1 - 2                                            | 3 - 4            | 5 - 6                                            | 7 - 8     | 9 - 10 | 11 - 12  | 13 - 14        | 15 - 16  | 17 - 18        | 19 - 20   | 21 - 22 | 23 - 24    | 25 - 26 2      | 7 - 28 29     | - 30         | × 31 i     | D.B. W.B.   | Dry Bulb      | Wet Bult        | Dew Po            |
| 7 99          |            |                                                  | _ <del>_</del> i |                                                  |           |        |          |                |          |                |           |         |            | • 0            |               |              |            | 1           | 1             |                 |                   |
| 97            |            | -                                                |                  |                                                  |           |        |          |                |          |                | . 3       | _ • 0   |            | • 0            | i_            | • 0          |            | 4           | - 4           |                 |                   |
| 95            |            |                                                  |                  |                                                  | i         |        |          |                |          |                | • 1       | • 0     | • 6        | • 5            |               | 1            | Ì          | 6           | 6             |                 |                   |
| / 93!         |            |                                                  |                  |                                                  |           |        |          |                | • 1      | .3             | . 3       | • 3     | • ਪੁ       | • 0            | <u>• ઇ </u>   | • <u>U</u>   | <u>• )</u> | 40          | 45            |                 |                   |
| 91            | İ          |                                                  |                  |                                                  |           |        | • 0      | . • 4          | • 8      |                | . 5       | • 3     | • 2        | • 0            | • <u></u>     | • ગુ         | • 0        | 114         | 117           |                 | 1                 |
| 89            |            |                                                  |                  |                                                  | •0        | • 1    | • 4      | 1.2            | 2.0      |                | - 9       | • 3     | <u>• 2</u> | • 1            | <u>• 1</u>    | •0           |            | 23°<br>40°  | 409           |                 |                   |
| / 87          |            |                                                  |                  |                                                  | • 9       | . • /  | 1.0      | 3.2            | 3.1      |                | . 8       | • 3     | • 2        |                | • 1           |              | !          | 499         | 499           |                 | 1                 |
| / 85<br>/ 83  |            |                                                  |                  | • 0                                              | . 34<br>8 | 3.0    | 3.7      | 3.2            | 2.7      | 1.2            | .6        | • 2     | •1         | •1             | <del></del>   | <del></del>  |            | 487         | 487           |                 | <del> </del>      |
| / E1          |            |                                                  | . 1              | .0                                               | 1.3       | 2.1    | 2.9      | 2.5            | 1.0      |                | • 4       | .4      | . 1        | • 0            | 1             |              | 1          | 423         | 423           | 1               |                   |
| 7 79          |            |                                                  | • 1              | 1.2                                              | 1.6       | 2,4    | 2.0      | 1.2            | .6       |                | • 3       | • 3     | • 2        | •1             |               |              | ··         | 369         | 369           |                 |                   |
| 77            | .0         |                                                  | .6               | 8.                                               | 1.7       | 1.5    | . 8      | .6             | .4       | 1              | . 3       | . 1     | .0         |                | j             | 1            | 1          | 243         | 243           | 165             | 1                 |
| 751           |            | • 2                                              | • 4              | 1.0                                              | 1.2       | .6     | .6       | • 4            | • 3      | • 1            | .1        | .1      |            |                |               | <del>-</del> |            | 169         | 169           | 246             | -                 |
| 73            | <u>• Ú</u> |                                                  | .7               | 1.0                                              | .6        | . 5    | . 3      | . 2            | . 3      |                | . 1       |         |            |                |               | Ì            |            | 140         | 140           | 577             |                   |
| 771           | .0         | • 4                                              | • 6              | .5                                               | • 2       | • 2    | • 2      | • 1            | • 2      |                |           |         |            |                |               |              |            | 92          | 92            | 563             |                   |
| / 69          |            | • 5                                              | .6               | • 3                                              | • 2       | • 3    | • 3      | .3             | .1       |                |           |         |            |                |               |              |            | 87          | P 7           | 603             |                   |
| / 67          | •0         |                                                  | .3               | • 1                                              | . 1       | •0     | • 2      | • 1            | .1       | ,1             |           |         |            |                |               |              |            | 38          | 3 8           | 413             |                   |
| / 65          | <u>• 1</u> | • 2                                              |                  | • 1                                              | , 1       | • 1    | • 1      | • 1            |          | .1             |           |         |            |                |               |              |            | 35          | 35            | 220             |                   |
| / 63          | • 1        |                                                  |                  |                                                  |           | • 1    | •0       |                | •0       | Ì              | 1         |         |            |                |               |              |            | 22          | 22            | 160             |                   |
| / 61          | <u>• 1</u> | • 1                                              | • C              |                                                  |           |        |          |                |          |                |           |         |            |                |               |              |            | 10          | 1)            | 131             |                   |
| / 59          | •0         | 1 1                                              |                  | • 2                                              |           |        |          |                |          |                |           | !       |            |                | 1             | - 1          |            | 13          | 13            | 79<br>67        |                   |
| / 57<br>/ 55  |            | • 1                                              | • 1              |                                                  |           |        |          |                |          | <del> </del>   |           |         |            |                |               |              |            | 1           | <del></del> ; | 48              | ·                 |
| / 55 <br>/ 53 |            | • 0                                              |                  |                                                  |           |        |          |                |          | ł              |           | ļ       |            |                |               | 1            |            | 1           |               | 29              |                   |
| / 51          |            |                                                  | -                |                                                  |           |        |          |                |          | <del> </del>   |           |         |            | <del>├──</del> | <del></del> - |              |            |             |               |                 | <del></del>       |
| / 49          |            | \                                                |                  |                                                  |           |        |          |                | Ì        | 1              |           | ļ       |            | 1 1            | 1             |              |            | }           |               | Ĭ               | 1                 |
| / 47          |            | <del>                                     </del> |                  |                                                  |           |        |          |                |          | <del> </del> - |           |         |            |                |               |              |            |             |               | 3               | ·+                |
| / 45          |            | Ì                                                |                  | \                                                |           |        |          |                | }        |                |           | j       |            | 1              | 1             | 1            |            |             |               |                 | İ                 |
| / 43          |            | 1                                                |                  |                                                  |           |        |          |                |          | T              |           |         |            |                |               |              |            |             |               |                 |                   |
| / 41          |            |                                                  | <u>L</u>         | <u></u>                                          |           |        |          |                | <u> </u> |                |           |         |            |                |               |              |            |             |               |                 | <u> </u>          |
| / 39          |            |                                                  | ļ —              |                                                  |           |        | [        |                |          |                |           |         |            | ( T            |               |              |            |             |               |                 |                   |
| / 37          |            | <u> </u>                                         |                  |                                                  |           |        | <u> </u> |                | <u></u>  |                |           |         |            |                |               |              |            |             |               |                 | <u> </u>          |
| / 35          |            |                                                  |                  |                                                  | 1         |        | Ì        |                | l        | 1              |           | ļ       |            |                | 1             | - 1          |            |             |               |                 | 1                 |
| / 33          |            | <u> </u>                                         |                  | <u> </u>                                         |           |        | <u> </u> |                |          | <u></u>        | <u></u> _ |         |            |                |               |              |            | لــــا      |               |                 |                   |
| ent (X)       |            | ΣX,                                              |                  |                                                  | Σχ        |        | <u>x</u> | <b>₹</b>       |          | No. Ol         | ·s.       |         |            |                |               |              |            | Tempera:    | <del></del>   |                 | Tabel             |
| Hum.          |            |                                                  |                  | <del> </del>                                     |           |        |          | <del> </del> - |          |                |           | = 0 1   |            | ₹ 32 ₹         | ≥ 67 F        |              | 73 F       | ≥ 80 F      | 2 93          | <u> </u>        | Total             |
| Bulb          |            |                                                  |                  | <del> </del> -                                   |           |        |          |                |          |                |           |         |            |                |               |              |            | <del></del> |               | <del></del>     |                   |
| Bulb          |            |                                                  |                  | <del>                                     </del> |           | $\neg$ |          |                | $\neg$   |                |           |         | $\top$     |                |               | 7-           |            |             | <u> </u>      |                 | _                 |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOL:TE

Dew Point

RANDOLPH AFE TEXAS/SAN ANTONIL 28-75
STATION NAME

## **PSYCHROMETRIC SUMMARY**

|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          | PAG       | E 4      | 1200<br>HOURS ( | -1470<br>L. S. T.) |
|------------|----------|-----|-------|----------|----------|-------|----------|----------|---------|---------|---------|----------|---------|---------|---------|---------|---------|----------|-----------|----------|-----------------|--------------------|
| Tem        |          |     |       |          |          |       |          | BULB     |         |         |         |          |         |         |         |         |         |          | TOTAL     |          | TOTAL           |                    |
| (F         |          | 0   | 1 - 2 | 3 - 4    | 5 - 6    | 7 - 8 | 9 - 10   | 11 - 12  | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20  | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31     | D.B. W.B. | Dry Bulb | Wet Bolb        | Dew Poir           |
| 32/<br>30/ | 31<br>29 |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 | 3                  |
| 28/<br>0TA | 27       | . 4 | 2.3   | 4.2      | 6.3      | 3.1   | 13.0     | 16.4     | 17.3    | 13.3    | 8.4     | 5.4      | 2.6     | 1.1     | , 7     | . 2     | • 1     | •1       |           | 3450     |                 | 3449               |
|            |          |     |       |          |          |       | _        |          |         |         |         |          |         |         |         |         |         |          | 3449      |          | 3449            |                    |
|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         | ļ       |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         | <u></u> |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       | <u> </u> |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         | <u> </u> |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         | <u> </u> |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         | <u></u> |          | !<br>   |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       | <u>.</u> | <u> </u> |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         | <u> </u> |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
|            |          |     |       |          |          |       |          |          |         |         |         |          |         |         |         |         |         |          |           |          |                 |                    |
| Elemen     |          |     | Σχ²   |          |          | z x   |          | X        | · ,     |         | No. 0   |          |         |         |         |         |         |          | Temperat  |          |                 |                    |
| Rel. H     |          |     |       | 9333     | <b> </b> | 1906  | 63       | 55.3     | 15.0    | 34      |         | 49       |         | F       | 1 32 F  | z 67    |         | 73 F     | ≥ 80 F    | 2 93 I   |                 | Total              |
| Dry Bu     |          |     |       | 5047     |          |       |          | 81.9     |         |         |         | 50       |         | _       |         | 90      |         | 94.8     |           | ~        | •4              | 9 ;                |
| Wet B      |          |     |       | 5474     | <u> </u> | 2399  | 14       | 69.6     | 5.0     | 22      |         | 49       |         | _       |         |         |         | 28.0     |           | 1        |                 | 93                 |
| Dew P      | oint     | l   | 1396  | 0653     |          | 2178  | 67       | 63.2     | 7.5     | 85      | 34      | 49       |         | - 1     |         | 34      | • 51    | 4.5      | ļ         |          | ı               | 93                 |

USAFETAC FORM O . 26-3 (OL A) PREVIOUS FOITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

| 911<br>STATION | - '``      | NDOL  |           |       | ATION NA |            | F1.11  | 01110       |              | 38-      | <u> </u> |     |             | YE          | ARS     |         |      |                                                  |            | MON           | AY<br>ITH |
|----------------|------------|-------|-----------|-------|----------|------------|--------|-------------|--------------|----------|----------|-----|-------------|-------------|---------|---------|------|--------------------------------------------------|------------|---------------|-----------|
|                |            |       |           |       |          |            |        |             |              |          |          |     |             |             |         |         |      | PAGE                                             | 1          | 1500 HOURS (L |           |
| Temp.          |            |       |           |       |          | WET        | BULB 1 | TEMPER      | ATURE        | DEPRE    | SSION (F | ;)  | <del></del> | <del></del> |         |         |      | TOTAL                                            |            | TOTAL         |           |
| (F)            | 0          | 1 - 2 | 3 - 4     | 5 - 6 | 7 - 8    |            |        |             |              |          | 19 - 20  |     | 23 - 24     | 25 - 26     | 27 - 28 | 29 - 30 | e 31 | D.B./W.B.                                        | Dry Bulb   | Wet Bulb      | Dew Po    |
| 2/101          |            |       |           |       |          |            |        |             |              |          |          |     |             |             |         | •0      | •0   | 2                                                | 2          |               |           |
| 0/ 99          |            |       | İ         |       |          |            |        |             |              |          |          |     | • 0         |             | .0      | .1      |      | 4                                                | 4          |               |           |
| 37 97          |            |       |           |       |          |            |        |             |              |          |          | • 1 | • 1         | • 1         | • l     |         |      | 11                                               | 11         |               |           |
| / 95           |            |       |           |       |          |            |        |             |              |          | • 3      | • 4 | .3          | • 1         |         | .0      |      | 40                                               | 40         |               |           |
| / 93           |            |       | ĺĺ        |       |          |            | ,      | •           |              | . 8      | • 9      | • 9 | • 4         |             | • 2     | • 1     | • 0  |                                                  | 122        |               |           |
| 2/ 91          |            |       |           |       |          | • 0        | • 1    | .2          |              | 1.8      | 1.4      | • 8 | • 4         | • 3         | • 1     | • 1     | • 1  |                                                  | 219        |               |           |
| )/ 89<br> / 87 |            |       |           |       | • 0      | • 2<br>• 4 | 1.9    | 2.2         |              |          | 1.7      | .8  | • 2         | • 2         | • 2     | • 0     |      | 394                                              | 395<br>462 |               |           |
| 7 85           |            |       |           |       | • 2      | 1.3        | 2.4    |             |              |          | 1.0      | • 5 | • 3         | • 1         | •0      |         |      | 489                                              | 489        |               |           |
| / 83           |            |       |           | . 2   | 1.0      | 2.1        | 2.0    |             |              |          | 8        | .5  | . 5         | . 2         | • •     |         |      | 467                                              | 467        |               |           |
| / 81           |            |       | • 1       | . 6   | 1.0      | 1.4        | 2.0    |             |              |          | • 4      | • 3 | • 1         | • 1         |         |         |      | 303                                              | 303        | 3             |           |
| 79             |            |       | . 2       | . 8   | 1.2      | 1.7        | 1.3    |             |              |          | . 2      | . 1 | . 1         | . 1         |         | l       |      | 243                                              | 248        | 16            |           |
| 777            |            | 1     | . 3       | . 7   | 1.2      | 1.1        | .5     |             |              |          | 0 4      | . 1 | •0          |             |         |         |      | 168                                              | 158        | 108           |           |
| / 75           |            | • 3   | 6         | 1.0   | • 9      | . 4        | • 5    |             |              | .3       | . 1      | • 1 |             |             |         |         |      | 168                                              | 168        | 382           | 2         |
| / 73           |            | • 2   | • 5       | • 9   | • 5      | • 2        | • 2    |             | .1           |          | . 1      |     |             |             |         |         |      | 105                                              | 105        | 534           | 11        |
| / 71           |            | . 5   |           |       | • 3      | • 1        | _ • 1  |             |              |          |          |     |             |             |         |         |      | 83                                               | 83         | 669           | 23        |
| 7 69           | • 1        |       |           | • 1   | • 2      | • 1        | • 2    |             |              |          |          |     | - 1         | i           |         |         |      | 57                                               | 57         | 643           | 33        |
| 1/ 67          | <u>• 1</u> |       | • 2       | •0    | • 1      | - 1        | •1     |             |              | . 1      | •0       |     |             |             |         |         |      | 29                                               | 29         | 380           | 41        |
| 65             | • 1        |       | • 4       | • 1   | .0       |            |        | •0          | •1           |          |          |     | 1           |             |         |         |      | 32<br>22                                         | 32<br>22   | 232<br>159    | 45        |
| 1/ 63<br>2/ 61 | • 1        |       | .1        | •1    | • 1      |            |        |             |              | -        |          |     |             |             |         |         |      | 13                                               | 13         | 110           | 3:        |
| 5/ 59          | • •        | 1     | 1         | 1     |          | .0         |        |             |              |          |          |     | ł           |             |         |         |      | 11                                               | 11         | 104           | 2         |
| 3/ 57          |            | • 1   |           |       |          |            |        |             |              | _        |          |     |             |             |         |         |      | 5                                                | 5          | 46            | 18        |
| / 55           |            | '-    |           |       |          |            |        |             |              |          |          | - 1 |             |             |         |         |      |                                                  | -          | 46            | 13        |
| / 53           |            |       |           |       |          |            |        |             |              |          |          |     |             |             |         |         |      |                                                  |            | 13            | - 6       |
| 2/ 51          |            |       |           |       |          |            |        | <u> </u>    |              | <u> </u> |          |     |             |             |         |         |      |                                                  |            | 1             | - 6       |
| 7/ 49          |            |       |           |       |          |            |        |             |              |          |          |     |             |             |         |         |      |                                                  |            | 5             | •         |
| 3/ 47          |            |       |           |       |          |            |        |             |              |          |          |     |             |             |         |         |      |                                                  |            |               | - 4       |
| 6/ 45          |            |       |           |       |          |            |        |             | 1            | l<br>L   |          |     |             |             |         |         |      |                                                  |            |               | 5         |
| 4/ 43          |            | ļ     | <b>  </b> |       |          |            |        |             |              | ļ        |          |     |             |             |         |         |      | <del>                                     </del> |            |               |           |
| 2/ 41          |            |       |           |       |          |            |        |             |              |          |          |     |             |             |         |         |      |                                                  |            |               | 2         |
| 0/ 39<br>8/ 37 |            | ├     |           |       |          |            |        | <u> </u>    | <del> </del> |          |          |     |             |             |         |         |      | <del>  </del>                                    |            |               | 1         |
| 5/ 35          |            |       |           |       |          |            |        |             |              |          |          |     |             |             |         |         |      |                                                  |            |               | 1         |
|                |            | T 2   |           |       | <u></u>  |            | -      | <del></del> |              | No Ol    | L        |     |             |             |         | 1( 4    |      | L Tamasas                                        |            |               |           |

No. Obs.

≤ 32 F

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

38/ 37 36/ 35 Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dew Point

#### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO 1500-1700 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 34/ 33 32/ <u>31</u> 30/ 29 28/ 27 3451 TOTAL 6.8 9.212.213.615.012.7 3455 8.4 5.3 2.7 . 8 3451 3451 No. Obs. Mean No. of Hours with Temperature Element (X) 52.015.983 83.5 6.744 69.7 4.885 179309 10198013 3451 ≥ 73 F ≥ 93 F ≤ 32 F ≥ 67 F ≥ 80 F 93 288507 90.8 24248617 3455 86.2 71.8 Dry Bulb 93 16865199 240661 73.7 28.1 3451 Wet Bulb 215947 62.6 7:749 30.3

1477.

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C C C

FORM 0-26-3 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 38-45,47-75

STATION STATION NAME

PAGE 1 1800-2000
HOURS (L. S. T.)

| Temp.                 |     |       |       |       |       | WET     | BULB 1       | EMPER      | ATURE         | DEPRE      | SSION (      | F)                                               |            |                                                  |         |         |            | TOTAL                                            |              | TOTAL       |                     |
|-----------------------|-----|-------|-------|-------|-------|---------|--------------|------------|---------------|------------|--------------|--------------------------------------------------|------------|--------------------------------------------------|---------|---------|------------|--------------------------------------------------|--------------|-------------|---------------------|
| (F)                   | 0   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10  | 11 - 12      | 13 - 14    | 15 - 16       | 17 - 18    | 19 - 20      | 21 - 22                                          | 23 - 24    | 25 - 26                                          | 27 - 28 | 29 - 30 | ≥ 31       | D.B./W.B.                                        | Dry Bulb     | Wet Bulb    | Dew Point           |
| 100/ 99               |     |       |       |       |       |         |              |            |               |            |              | •0                                               |            |                                                  |         | •0      |            | 2                                                | 2            |             |                     |
| 98/ 97                |     |       |       |       |       |         | ]            |            |               |            |              |                                                  |            | • 0                                              |         |         |            | 1                                                | 1            |             |                     |
| 96/ 95                |     |       |       |       |       |         |              |            |               |            |              |                                                  |            | •0                                               |         |         |            | 1                                                | 1            |             |                     |
| 94/ 93                |     |       |       |       |       |         |              |            |               | <u>.</u> 1 | 1            | . 1                                              | • 0        | • 1                                              | • 0     |         |            | 15                                               | 15           |             |                     |
| 92/ 91                |     |       |       |       |       |         |              | 0          | • 1           | . 2        | .3           | , 1                                              | , 1        |                                                  | • 0     | •0      | •0         | 28                                               | 28           |             |                     |
| 90/ 89                |     | {     |       | i     |       |         | • 1          | . 3        | . 5           | . 6        | .4           | 2                                                | . 1        | .0                                               | • 0     |         |            | 74                                               |              |             |                     |
| 88/ 87                |     |       |       |       | • 1   | • 1     | • 6          | 1.0        |               | • 7        | . 4          |                                                  | • 1        |                                                  | • 1     |         |            | 144                                              | 145          |             |                     |
| 86/ 85                |     |       |       | • 1   | • 3   | 1.0     | 1.4          | 1.8        |               |            | 5            |                                                  | • 1        | .0                                               | • 0     |         |            | 266                                              |              |             |                     |
| 84/ 83                |     |       | • 1   | • 1   | 1.0   | 2.1     | 2.1          | 2.6        |               |            | .5           |                                                  | • 1        |                                                  | 1       |         |            | 366                                              | 357          |             |                     |
| 82/81                 |     |       | • 1   | . 9   | 2.0   | 2.6     |              | 2.1        | 1.0           |            | <u>.3</u>    |                                                  | <u>• }</u> | • 0                                              |         |         |            | 423                                              | 423          |             |                     |
| 80/ 79                |     |       | . • : | 1.9   |       |         |              | 1.3        |               | .6         | • 4          |                                                  | - 1        | 1                                                |         |         | ĺ          | 493                                              | 493          |             | _                   |
| 78/ 77                |     | • 1   | 1.2   | 1.8   |       | 2.3     |              | • 9        | .5            |            | - 1          | • 1                                              | •0         | <u> </u>                                         |         |         | <b> </b>   | 397                                              | 397          |             |                     |
| 76/ 75                |     | • 3   | 1.6   | 2.4   |       | 1.7     | • 9          | • 6        |               |            | • 1          |                                                  |            |                                                  |         |         |            | 354                                              | 354<br>269   | 216         |                     |
| 72/ 71                | - 3 | • 5   | 1.6   |       |       | .9      |              |            |               |            | 1            |                                                  |            | <del></del>                                      |         |         | <b> </b> - | 269                                              |              |             |                     |
| 70/ 69                | • 1 | .7    | 1.4   | 1.6   |       | • 4     | •4           | • 1<br>• 4 | •1            | 0 1        | .0           |                                                  |            | 1                                                |         |         | 1          | 200                                              | 154          |             |                     |
| 68/ 67                | •1  | •6    |       |       |       | •4      |              | • 0        |               | •0         |              | ļ                                                |            | 1                                                |         |         |            | 82                                               | 82           |             |                     |
| 66/ 65                | . 1 | .5    | .3    |       | 1     | . 2     | .1           | .1         |               | l .c       |              |                                                  |            |                                                  |         |         |            | 49                                               |              |             |                     |
| 64/ 63                | • 1 | • 2   | •3    |       | • 2   | • 1     | • 1          | •0         | •0            | _          |              | <del>                                     </del> |            | <del>                                     </del> |         |         |            | 44                                               |              |             |                     |
| 62/ 61                |     | .3    |       |       | .0    |         | .0           |            |               |            |              | 1                                                |            |                                                  |         |         | l          | 27                                               |              |             |                     |
| 60/ 59                | •0  |       | • 1   | • 1   |       |         |              | •0         |               |            |              | <del>-</del> -                                   |            |                                                  |         |         |            | 14                                               |              |             |                     |
| 58/ 57                |     | . 1   | • 1   |       |       |         |              |            |               |            |              |                                                  |            |                                                  |         |         |            | 7                                                | 7            | 80          |                     |
| 56/ 55                |     | • 1   |       |       |       |         |              |            |               |            |              |                                                  |            |                                                  |         |         |            | 4                                                | 4            | 64          |                     |
| 54/ 53                |     |       |       |       |       |         |              |            |               |            |              |                                                  |            |                                                  |         |         |            |                                                  |              | 31          |                     |
| 52/ 51                |     |       |       |       |       |         |              |            |               |            |              |                                                  |            |                                                  |         |         |            |                                                  |              | 8           |                     |
| 50/ 49                |     |       |       |       |       |         |              |            |               |            |              |                                                  |            |                                                  |         |         |            |                                                  |              |             |                     |
| 48/ 47                |     |       |       |       |       |         |              |            |               | ]          |              |                                                  |            |                                                  |         |         |            | l                                                | 1            | 2           |                     |
| 46/ 45                |     |       |       |       |       |         |              | L          |               |            |              |                                                  |            | <u> </u>                                         |         |         | <u></u>    |                                                  |              |             | 40                  |
| 44/ 43                |     |       |       |       |       |         |              |            |               |            |              |                                                  |            |                                                  |         |         |            | 1                                                | 1            | ŀ           | 35                  |
| 42/ 41                |     |       |       |       |       |         |              |            |               |            |              | <u> </u>                                         |            | <u> </u>                                         |         |         |            |                                                  | <u> </u>     |             | 19                  |
| 40/ 39                |     |       | 1     |       |       |         |              |            | 1             |            |              |                                                  |            |                                                  |         |         |            | 1                                                | 1            | 1           | 17                  |
| 38/ 37                |     |       |       |       |       |         |              |            |               | ļ          |              |                                                  |            | <del> </del>                                     |         |         |            | <u> </u>                                         |              | <u> </u>    | 6                   |
| 36/ 35                |     |       |       |       |       |         |              |            |               |            |              |                                                  |            |                                                  |         |         |            | i                                                |              | }           | 8                   |
| 34/ 33<br>Element (X) |     | Σχ²   |       |       | Σχ    | لسرسا   | <del>-</del> |            | <del></del>   | No. Ob     |              | Ц.,,                                             | L          | <u> </u>                                         | Mags 1  | la 6 0  |            | h Tempera                                        | <u></u>      | <u> </u>    | 10                  |
| Rel. Hum.             |     | ~ X.  |       | ·     | - X   |         | X            | <b>"</b> x |               | A0. U      | <del>"</del> | 10                                               |            | ≤ 32 F                                           | z 67    |         | 73 F       | ≥ 80 F                                           | z 93         | F           | Total               |
| Dry Bulb              |     |       |       |       |       |         |              |            | $\neg \vdash$ |            |              | 0                                                | -          | - 34 1                                           | - 37    | ·   ·   | 731        | - 80 F                                           | <del></del>  | <del></del> |                     |
| Wet Bulb              |     |       |       |       |       | _       |              |            | _             |            |              |                                                  |            |                                                  | <b></b> |         |            | <del>                                     </del> |              |             |                     |
| Dew Point             |     |       |       |       |       |         |              |            |               | ··         |              |                                                  | $\dashv$   |                                                  |         |         |            | <del>                                     </del> | <del> </del> | _           |                     |
|                       |     |       |       |       |       | ييبطسيب |              |            |               |            |              |                                                  |            | *                                                |         |         |            |                                                  |              |             | ابر المساور المساور |

0-26-3 (OL A)

RANDOLPH AFB TEXAS/SAN ANTONIU
STATION NAME

# **PSYCHROMETRIC SUMMARY**

| Temp.            |     |                  |          |                                                  |          | WET    | RIHE     | FMPF    | ATHRE   | DEPPE    | SSION ( | F١      |         |          |         |          |           | TOTAL     |          | TOTAL       |       |
|------------------|-----|------------------|----------|--------------------------------------------------|----------|--------|----------|---------|---------|----------|---------|---------|---------|----------|---------|----------|-----------|-----------|----------|-------------|-------|
| (F)              | 0   | 1 - 2            | 3 - 4    | 5                                                | 1.8      | 9 - 10 | 11 - 12  | 13 - 14 | 25 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26  | 27 - 28 | 29 . 30  | > 31      | D.B./W.B. | Dry Bulb | Wet Bulb    | Dew P |
| 32/ 31<br>30/ 29 |     |                  |          |                                                  | ,        | 7      | 1,212    | 13 - 14 | 13-10   | 17 10    | 77 - 20 |         |         | 23-20    | 2,7 20  | 2,7-00   |           |           |          |             |       |
| 28/ 27<br>DTAL   | . 3 | 4.1              | 9.8      | 1.2.4                                            | 14.4     | 15.3   | 13.4     | 11.6    | 7.6     | 5.0      | 3.3     | 1.7     | .7      | •2       | • 2     | • 1      | .0        |           | 3417     |             | 341   |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         |          |         |          |           | 3414      |          | 3414        |       |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         |          |         |          |           |           |          |             |       |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         |          |         |          |           |           |          | ļ           |       |
|                  |     | <del></del>      |          |                                                  |          |        |          |         |         |          |         |         |         |          |         |          |           |           |          |             |       |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         |          |         |          |           |           |          |             |       |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         | ļ        |         |          |           |           |          |             |       |
|                  |     |                  |          | _                                                |          |        |          |         |         |          |         |         |         |          |         |          |           |           |          | ļ           |       |
|                  | ,   |                  |          |                                                  |          |        |          |         |         |          |         |         |         | ļ        | ļ       |          |           |           |          | ļ           |       |
|                  |     |                  |          |                                                  |          |        |          |         |         | <u> </u> |         |         |         |          |         | <u> </u> |           |           |          | ļ           |       |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         |          |         | ļ        |           |           |          | ļ           |       |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         |          |         |          |           |           |          |             |       |
|                  |     |                  |          |                                                  |          |        |          |         | ļ       | <u></u>  |         |         |         |          |         |          |           |           |          |             |       |
|                  |     |                  |          |                                                  |          |        |          |         |         |          |         |         |         |          |         |          | <u> </u>  | <u> </u>  |          | <u> </u>    |       |
|                  |     |                  |          |                                                  | <u> </u> |        | <u> </u> |         |         |          | <br>    |         |         | <u> </u> |         |          |           |           |          | ļ           | _     |
| lement (X)       |     | Z <sub>X</sub> 2 | <u> </u> |                                                  | z x      |        | X X      | •,      |         | No. Ol   |         |         |         | L        | Mena    | No. of M | Oute with | h Tempero |          | <u> </u>    |       |
| Rel. Hum.        |     |                  | 6264     |                                                  |          | 88     | 61.3     |         |         |          | 14      | ≤ 0     | F       | 1 32 F   |         |          | 73 F      | * 80 F    | ≥ 93     | F           | Total |
| Dry Bulb         |     | 2111             | 8111     | <del>                                     </del> | 2677     | 67     | 78.4     | 6.2     | 87      |          | 17      |         |         |          |         |          |           | 43.       |          | .5          |       |
| Wet Bulb         |     | 1600             | 8039     | <del> </del>                                     | 2331     | 41     | 68.3     | 5.0     | 46      |          | 14      |         |         |          |         |          | 18.2      |           |          | <del></del> |       |

20020467 17933450 15311145 14022750

75.612.842 72.3 5.097 66.8 5.360 63.8 7.019

#### **PSYCHROMETRIC SUMMARY**

93 93

93

3408

3408

4.1

Mean No. of Hours with Temperature

50.2

10.1

≥ 67 F ≥ 73 F

81.0 55.7 39.1

| 12911   | RA  | NDOL          | РН А     |       |                                         | /SAN | ANT    | ONIO  |       | 38-     | 45,4    | 7-75 |         |          |              |          |          |           |          |          | AY        |
|---------|-----|---------------|----------|-------|-----------------------------------------|------|--------|-------|-------|---------|---------|------|---------|----------|--------------|----------|----------|-----------|----------|----------|-----------|
| STATION |     |               |          | ST    | ATION N                                 | AME  |        |       |       |         |         |      |         | Y        | EARS         |          |          | PAGE      | 1        | 2100-    | -2300     |
| Temp.   |     |               |          |       | *************************************** | WET  | BULB T | EMPER | ATURE | DEPRE   | SSION ( | F)   |         | -        |              |          |          | TOTAL     |          | TOTAL    |           |
| (F)     | 0   | 1 - 2         | 3 - 4    | 5 - 6 | 7 - 8                                   |      |        |       |       |         |         |      | 23 - 24 | 25 - 26  | 27 - 28      | 29 - 30  | ≥ 31     | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85  |     | <del></del> - |          |       |                                         |      | . 1    | •0    | ,0    |         |         |      |         | 1        | 1            | 1        |          | 5         | 5        |          |           |
| 84/ 83  |     | İ             |          | .0    | • 0                                     | . 1  | . 2    | - 1   | . 1   |         | .0      |      |         |          |              |          |          | 13        | 13       | ļ        | ĺ         |
| 82/ 81  |     |               | • 1      | .4    | • 4                                     | • 6  | • 4    | • )   |       |         |         |      |         | 1        |              | 1        |          | 64        | 65       |          |           |
| 80/ 79  |     | • 1           | .7       | 1.4   | 1.4                                     |      | • 4    |       | . 1   | •1      | .0      |      |         | 1        |              |          | ļ        | 181       | 181      |          |           |
| 78/ 77  |     | • 5           |          |       | 2.9                                     | 1.1  | •4     | • 2   | • 2   | • 1     |         |      |         | <b>T</b> |              |          | i -      | 430       | 432      | 14       |           |
| 76/ 75  |     | 1.3           | 5.0      | 5.4   | 3.0                                     | .9   | .6     | • 4   | • 1   |         | • 0     | • 0  |         | 1        | 1            |          | ļ        | 571       | 572      | 78       |           |
| 74/ 73  |     | 2.1           | 5.6      |       |                                         | . 8  | • 6    | • 2   | • 1   |         |         | •0   |         | 1        | 1            |          |          | 573       | 573      | 277      | 124       |
| 72/ 71  | • 0 | 2.6           |          |       | 1.6                                     | • 9  | .7     | • 3   | • 1   | . 1     |         |      |         |          |              |          |          | 490       | 499      | 511      |           |
| 70/ 69  | • 1 |               |          |       | 1.1                                     | • 9  | • 4    | • 1   | • 1   |         |         |      |         | Ţ        | 1            |          |          | 394       | 394      | 632      | 426       |
| 68/ 67  | . 1 |               | 2.2      | 1.0   | 1.1                                     | • 6  | • 2    | • 2   | , 1   | .0      |         |      |         |          | İ            | 1        |          | 238       | 238      | 528      |           |
| 66/ 65  | • 2 |               |          | • 9   | • 5                                     | • 2  | • 1    | • 1   | • 1   |         |         |      |         |          | 1            | T        |          | 166       | 166      | 445      |           |
| 64/ 63  | . 1 |               |          | • 6   | • 4                                     |      | . 1    | . 1   | .0    |         |         |      |         |          | <u> </u>     | 1        | i        | 108       | 108      | 272      | 422       |
| 62/ 61  | • 1 | • 5           | . 3      | .4    | •3                                      | • 3  | • 1    | • 0   |       |         |         |      |         |          | Ī            | 1        |          | 71        | 71       | 209      |           |
| 60/ 59  | .0  |               | • 2      | • 4   | • 4                                     |      | • 0    |       |       |         |         |      |         | 1.       | ļ            | 1        |          | 49        | 49       | 165      |           |
| 58/ 57  | •0  | • 2           | • 1      | • 2   | • 1                                     | • 1  | • 1    |       |       | _       |         |      |         |          |              |          |          | 26        | 26       | 92       | 156       |
| 56/ 55  |     | • 1           | . 1      | • 1   | • 0                                     |      |        |       |       |         |         |      |         | 1        | İ            |          |          | 10        | 10       | 64       |           |
| 54/ 53  |     | • 1           | . 1      |       | •                                       | • 0  |        |       |       |         |         |      |         |          |              |          |          | 8         | 8        | 58       | 83        |
| 52/ 51  |     |               | <u> </u> | • 0   |                                         | ĺ    |        |       |       |         |         |      |         |          |              |          |          | 1         | 1        | 39       |           |
| 50/ 49  |     | 1             |          | .0    |                                         |      |        |       |       |         |         |      |         | 1        |              | 1        |          | 1         | ı i      | 15       |           |
| 48/ 47  |     | <u> </u>      |          |       |                                         |      |        |       |       |         |         |      |         | <u> </u> |              | <u> </u> |          |           |          | 5        | 46        |
| 46/ 45  |     |               | !        |       |                                         |      |        |       |       |         | i       |      |         |          | 1            | i _      |          | 1 1       |          | 4        | 37        |
| 44/ 43  |     |               | <u> </u> |       |                                         |      |        |       | L -   |         |         |      |         | 1        |              | <u> </u> |          |           |          |          | 14        |
| 42/ 41  |     |               |          |       |                                         |      | i      |       |       |         | 1       |      |         | 1        |              |          |          |           |          |          | 16        |
| 40/ 39  |     | <u> </u>      | <u> </u> |       |                                         |      |        |       |       | L       |         |      |         | <u> </u> | <u> </u>     | <u> </u> | <u> </u> |           |          |          | 13        |
| 38/ 37  |     | i             | ļ        | ]     |                                         |      | ì      |       |       |         | }       |      | }       | 1        |              |          | Į        |           |          |          | 8         |
| 36/ 35  |     | <u> </u>      | <u> </u> |       |                                         |      |        |       | L     | L       |         |      |         | <u> </u> | <u> </u>     | <u> </u> |          | 1         |          |          | 8         |
| 34/ 33  |     |               | 1        |       |                                         |      |        |       |       |         | }       |      | Ì       |          | 1            | 1        |          | 1         |          |          | 1         |
| 32/ 31  |     |               | <u> </u> |       |                                         |      |        |       |       | <u></u> |         |      |         |          | <del> </del> | 1        |          |           |          |          | 2         |
| TOTAL   | • 7 | 13.6          | 128.9    | 25.4  | 15.8                                    | 7.6  | 4.5    | 1.9   | 1.0   | .3      | .1      | •1   | ŀ       | 1        |              | 1        | 1        | 1         | 3412     |          | 3408      |
| 1       | l   | I             | 1        | 1     |                                         |      |        | l     | l     | ı       | Ī       | i    | ı       | 1        | 1            | 1        | i        | 3408      |          | 3408     | 1         |

No. Obs.

3408

3412

3408

3408

≤ 0 F

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE O C USAFETAC

Element (X)

Dry Bulb

Wet Bulb Dew Point

€.

# PSYCHROMETRIC SUMMARY

| 12911<br>STATION     | RA  | NDOL                | PH A        | FB T       | EXAS.               |        | ANT          | UINC           |         | <u> 38-</u> | 45,4    | 7-7      | 5            | <del></del>    | EARS                                             |         |                                                  |             |            | J          | UN          |
|----------------------|-----|---------------------|-------------|------------|---------------------|--------|--------------|----------------|---------|-------------|---------|----------|--------------|----------------|--------------------------------------------------|---------|--------------------------------------------------|-------------|------------|------------|-------------|
| 3171101              |     |                     |             | ٠.         | A 10A N             |        |              |                |         |             |         |          |              |                |                                                  |         |                                                  | PAGÉ        | 1          |            | -0200       |
| Temp.                |     |                     |             |            |                     | WET    | BULB T       | EMPER          | ATURE   | DEPRE       | SSION ( | F)       |              |                |                                                  |         |                                                  | TOTAL       |            | TOTAL      |             |
| (F)                  | 0   | 1 - 2               | 3 - 4       | 5 - 6      | 7 - 8               | 9 - 10 | 11 - 12      | 13 - 14        | 15 - 16 | 17 - 18     | 19 - 20 | 21 - 2   | 2 23 - 2     | 4 25 - 26      | 27 - 28                                          | 29 - 30 | ≥ 31                                             | D.B./W.B.   | Dry Bulb   | Wet Bulb   | Dew Point   |
| 96/ 95<br>86/ 85     |     |                     |             |            |                     |        | •0           |                |         | •0          | •0      |          |              |                |                                                  |         |                                                  | 1 2         | 1 2        |            |             |
| 84/ 83               |     |                     |             |            | • 1                 | • 1    | • 1          | **             |         | •0          |         |          | $\top$       |                |                                                  |         |                                                  | 8           | 8          |            |             |
| 82/ 81               |     |                     | . 3         | .6         | .4                  | • 2    | • 1          | • 0            |         |             |         |          | ↓—           | <b>-</b>       | ļ                                                |         | <u> </u>                                         | 5°          | 58         |            |             |
| 80/ 79               |     | 2.3                 | 4.0<br>10.8 | 4.2<br>4.8 | 1.1                 | .6     | •1           | •1             | •0      |             |         |          |              |                |                                                  |         |                                                  | 336<br>636  | 336<br>636 | 1<br>35    | 5           |
| 76/ 75               | .1  | 6.4                 | 12.6        | 4.6        | 1.1                 | • 1    | .1           | 0              |         |             |         |          | +-           | +-             | -                                                |         | <del> </del>                                     | 818         | 819        | 326        | 106         |
| 74/ 73               | • 3 | 5.0                 | 8.6         | 2.8        | . 5                 | . 1    | _ 1          | . 1            |         |             |         |          |              |                |                                                  |         |                                                  | 566         | 568        | 801        | 509         |
| 72/ 71               | • 2 | 3.7                 | 5.2         | 1.4        | .3                  | • 3    | •0           | • 1            |         |             |         |          |              |                |                                                  |         |                                                  | 368         | 368        | 824        | 759         |
| 70/ 69               | • 2 | 3.2                 | 2.8         | . 4        | • 1                 | 1      | - 1          |                |         |             |         |          |              | <del> </del>   | ļ                                                |         | ļ                                                | 223         | 223        | 576        | 535         |
| 68/ 67               | .1  | 2.0                 | 1.4         | . 3<br>. 3 | • 1<br>• 1          | • 1    | • 0          |                |         |             |         |          |              |                |                                                  | }       | 1                                                | 131         | 131<br>61  | 323<br>186 | 317         |
| 64/ 63               | ••  | .5                  | • 2         | •1         | ••                  |        |              |                |         |             |         |          | 1            | <del> </del> - | <del> </del>                                     |         | 1                                                | 25          | 25         | 64         | 161         |
| 62/ 61               |     | <u>. 3</u>          | • 2         | . 2        |                     |        |              |                |         |             |         |          |              |                |                                                  | <u></u> |                                                  | 21          | 20         | 44         | 68          |
| 60/ 59               |     | .2                  | <b>* 2</b>  |            |                     |        |              |                |         |             |         |          |              |                | Γ                                                |         |                                                  | 10          | 10         |            | 43          |
| 58/ 57               |     | • 0                 | • 1         | •0         |                     |        |              |                |         |             |         |          | -            |                | <b>├</b> ─                                       | ļ       | <del> </del>                                     | 4           | 4          | 22         | 39          |
| 56/ 55<br>54/ 53     |     | • 0                 | • 0         | •0         |                     |        | ĺ            |                |         |             |         |          | İ            |                |                                                  |         |                                                  | 2           | 2          | 9          | 20<br>23    |
| 52/ 51               | -   |                     | •           |            | ~~                  |        | $\dashv$     |                |         |             |         |          | <del> </del> | 1              | <del>                                     </del> |         | <del>                                     </del> |             |            | i          | 12          |
| 50/ 49               |     |                     |             |            |                     |        |              |                |         |             |         |          |              | <u> </u>       |                                                  |         |                                                  | [l          |            | 2          | 4           |
| 48/ 47               | i   |                     |             |            |                     |        | l            |                |         |             |         |          |              | 1              |                                                  | 1       |                                                  |             |            |            | 1           |
| 46/ 45<br>TOTAL      | 1 0 | 24 8                | 44 4        | 19.7       | 4.9                 | 1.9    |              |                | _       |             |         |          |              | +              | ┼─                                               |         | ├                                                | <del></del> | 3273       |            | 2<br>3270   |
| TOTAL .              | 1.0 | 24.0                | 70,0        | 1701       | 7,7                 | 107    | •7           | • 3            | •0      | • 1         | •0      |          |              | <u> </u>       | ļ                                                |         |                                                  | 3270        |            | 3270       |             |
|                      |     |                     |             |            |                     |        |              |                |         |             |         |          | -            |                |                                                  |         |                                                  |             |            |            |             |
|                      |     |                     |             |            |                     |        |              |                |         |             |         |          |              |                |                                                  |         |                                                  |             |            |            |             |
|                      |     |                     |             |            |                     |        |              |                |         |             |         |          |              |                |                                                  |         |                                                  |             |            |            |             |
|                      |     |                     |             |            |                     |        |              |                |         |             |         |          |              |                |                                                  |         |                                                  |             |            |            |             |
| Element (X)          |     | Σχ²                 | 1505        |            | ZX                  |        | X            | • <sub>x</sub> |         | No. Ob      |         |          |              |                |                                                  |         |                                                  | h Temperat  |            |            |             |
| Rel. Hum.            |     | 2300<br>1821        |             |            | 2729<br>2437        |        | 83.5         |                |         | 32          |         | <u> </u> | ) F          | ≤ 32 F         | ≥ 67                                             |         | 2 73 F                                           | > 80 F      | ≥ 93       |            | Total<br>90 |
| Dry Bulb<br>Wet Bulb |     | $\frac{1821}{1641}$ |             |            | <u>2457</u><br>2313 |        | 74.5<br>70.8 |                |         | 32<br>32    |         |          |              |                | 79                                               |         | 32.0                                             | <del></del> | +          | •0         | 90          |
| Dew Point            |     | $\frac{1071}{1564}$ |             |            | 2257                | 31     | 69.0         |                |         | 32          |         |          |              |                |                                                  | •6      | 17.1                                             |             | +          |            | 90          |

O -26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

0.26-3 (OL A)

JSAFETAC

Dew Point

#### **PSYCHROMETRIC SUMMARY**

| 1291 |      | R/   | MOOL  | PH A  | FB T  | EXAS     | /SAN   | ANT     | סואם    | <u> </u> | 38-      | ، 45    | +7-7 | 15      |         |               |         |      |      |           |          |          | บพ                 |
|------|------|------|-------|-------|-------|----------|--------|---------|---------|----------|----------|---------|------|---------|---------|---------------|---------|------|------|-----------|----------|----------|--------------------|
| STAT | LION |      |       |       | S     | TATION N | AME    |         |         |          |          |         |      |         |         | YEAR          | s       |      |      |           |          | МО       | NTH                |
|      |      |      |       |       |       |          |        |         |         |          |          |         |      |         |         |               |         |      |      | PAG       | E 1      |          | -0500<br>L. S. T.) |
| Tem  | p.   | i    |       |       |       |          | WET    | BULB '  | TEMPER  | RATURE   | DEPR     | ESSION  | (F)  |         |         |               |         |      |      | TOTAL     |          | TOTAL    |                    |
| (F   | )    | 0    | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16  | 17 - 18  | 19 - 20 | 21 - | 22 23 - | 24 25 - | 26 27         | - 28 29 | - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point          |
| 88/  | 87   |      | 1     |       |       |          |        |         | •0      |          |          |         |      |         |         |               |         |      |      | 1         | 1        |          |                    |
| 82/  | 81   | ĺ    | 1     | .0    | .1    | • 1      | İ      |         |         |          |          | į       | ļ    |         |         |               | 1       |      |      | 7         | 7        | 'İ       |                    |
| 807  | 79   |      | • 1   | 1.7   | 1.9   | •2       | •0     |         |         | i —      |          |         | 1    |         |         |               |         |      |      | 129       | 129      | Ì        |                    |
| 78/  | 77   | ĺ    | 2.3   | 9.5   | 1.8   | . 2      | .1     | .1      | .0      | ı        | [        | 1       |      | -       |         | -             | - 1     |      |      | 455       | 455      | 9        | ļ                  |
| 767  | 75   | • 2  | 9.8   | 12.2  | 1.7   | • 3      | •1     | •1      |         |          | 1        | 1       | 1    |         |         | $\neg \vdash$ |         |      |      | 794       | 794      | 230      | 80                 |
| 74/  | 73   | .4   | 10.0  | 8.3   | 1.0   | , 2      | .0     | 1       | .0      | 1        |          | İ       |      | -       |         | -             | - 1     |      |      | 650       | 650      | 841      | 508                |
| 72/  | 71   | • 2  | 8.5   | 4.3   | ,7    | .3       | • 1    |         | •0      |          | 1        |         | T    |         | 1       | $\top$        |         |      |      | 473       | 474      | 794      | 872                |
| 70/  | 69   | ٤. ا | 5.9   | 3.2   | .5    | .3       | .1     | .2      | 1       | 1        | 1        |         |      | }       |         | - 1           |         | 1    |      | 347       | 349      | 554      | 666                |
| 687  | 67   |      | 3 2.7 | 1.6   | 1     | 1        | . 1    | T       |         | 1        | <b>—</b> | 1       | 1    |         |         |               |         |      |      | 100       | 100      | 350      | 466                |

68/ 67 66/ 65 350 223 466 259 94 167 49 49 114 64/ 63 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 62/ 61 25 25 42 60/ 59 28 45 28 41 43 24 58/ 57 56/ 55 18 54/ 53 22 52/ 51 50/ 49 48/ 47 1 46/ 45 44/ 43 TOTAL 2.144.442.3 8.2 1.9 3269 3266 3266 3266 X 87.4 6.892 73.0 4.114 70.3 3.973 No. Obs. Element (X) Mean No. of Hours with Temperature 25086599 285353 3266 Rei. Hum. ≥ 73 F 238731 229465 56.1 17489549 3269 83.9 90 Dry Bulb 76.6 29.8 16173455 3266 90 Wet Bulb

3266

225333

15608907

69.0 4.371

71.4

16.2

90

## **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA                                     | NDOL  | PH A  |       | EXAS    |            | THA         | ΩΝΙΟ    |                                        | 38-7                                             | 75      |         |          |               |         |         |      |          |            | J.        | ا بر<br>۱۲ <del>۱۱ —</del> |
|------------------|----------------------------------------|-------|-------|-------|---------|------------|-------------|---------|----------------------------------------|--------------------------------------------------|---------|---------|----------|---------------|---------|---------|------|----------|------------|-----------|----------------------------|
| STATION          |                                        |       |       | ,     | ATTON N | AME        |             |         |                                        |                                                  |         |         |          | YE            | ARS     |         |      | υд(,     | E 1        | UCOO:     |                            |
| Temp.            |                                        |       |       |       |         | WET        | BULB .      | EMPER   | ATURE                                  | DEPRES                                           | SION (  | F)      |          |               |         |         |      | TOTAL    |            | TOTAL     |                            |
| (F)              | 0                                      | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8   | 9 - 10     | 11 - 12     | 13 - 14 | 15 - 16                                | 17 - 18                                          | 19 - 20 | 2' - 22 | 23 - 24  | 25 - 26       | 27 - 28 | 29 - 30 | ≥ 31 |          | Dry Bulb   | Wet Bulb  | Dew Point                  |
| 88/ 87           |                                        |       |       |       |         |            |             | .0      |                                        |                                                  |         |         |          |               |         |         |      | Ţ        | 1          |           |                            |
| 86/ 85           |                                        |       |       |       | .0      | . 1        | . 1         | •0      |                                        |                                                  |         |         |          |               | !       | _       |      | ^        | 6          |           |                            |
| 84/ 83           | i                                      |       |       | •0    | • 5     | • 3        | • 1         |         |                                        |                                                  |         |         |          |               |         |         |      | 27       | 27         |           |                            |
| 82/ 81           |                                        |       | 2     | 1.8   |         |            | • 1         |         |                                        |                                                  |         |         |          |               |         |         |      | 142      | 143        |           |                            |
| 30/ 79           |                                        | • 1   | 4.0   | 6.6   | 1.7     | • 4        | •0          | •0      |                                        | i I                                              |         |         | }        |               | - 1     |         |      | 430      | 420        |           |                            |
| 78/ 77           |                                        |       | 11.2  | 6.3   | 1.0     | • 1        | •0          |         | •0                                     |                                                  |         |         | <b>_</b> |               | !       |         |      | 490      | 091        | 2?        | 1                          |
| 76/ 75           | • 2                                    |       | 10.4  |       | • 7     | • 2        | • 1         | • 0     | •0                                     |                                                  |         |         |          |               | ļ       |         |      | 715      | 716        | 445       | 104                        |
| 74/ 73           | • 2                                    | 6.0   |       |       | • 2     | • 2        | •0          |         |                                        |                                                  |         |         | ļ        |               |         |         |      | 487      | 427        | 989       | 5R2                        |
| 72/ 71           | • 5                                    | 4.9   |       | •6    |         | • 1        | • 1         | • 1     |                                        |                                                  |         |         |          |               | l       |         |      | 355      | 355        | 755       | 961                        |
| 70/ 69           | - 3                                    | 3.4   |       | • 5   | • 2     | • 1        | • 1         |         |                                        | <del>  </del>                                    |         |         |          |               |         |         |      | 227      | 228        | 497       |                            |
|                  | • 1                                    | 2.1   | 8.    |       |         | • 2        |             | •0      |                                        |                                                  |         |         | 1        |               | ]       |         |      | 113      | 113        | 255       | 464                        |
| 66/ 65           | - 1                                    | 1.1   | • 4   | .2    | •0      |            |             |         |                                        | <del> </del>                                     |         |         |          |               |         |         |      | 57       | <u>\$7</u> | 157       | <u> </u>                   |
| 64/ 63           | • I                                    | • ó   | • 2   | • 2   | •0      | • 0        |             |         |                                        |                                                  |         |         |          |               |         |         |      | 35       | 3.5        | 82        | 135                        |
| 60/ 59           | ٠٠                                     | • 3   | • 1   |       | •1      | •0         |             |         |                                        | <del> </del>                                     |         |         |          |               |         |         |      | 9        | 9          | 42        | $-\frac{61}{53}$           |
| 58/ 57           | .0                                     |       | . 1   |       | .0      |            |             |         |                                        | l l                                              |         |         |          |               |         |         |      | 14       | 14         | 23        |                            |
| 56/ 55           | - • 0                                  | • 1   | .0    |       | ••      |            |             |         |                                        | <del>├──</del>                                   |         |         | -        |               |         |         |      |          | 3          | <u>22</u> | 28<br>17                   |
| 54/ 53           |                                        | .0    | • •   |       |         |            |             |         |                                        |                                                  |         |         |          |               | I       |         |      | ا<br>ا   | , ,        | 17        | 19                         |
| 52/ 51           |                                        | ••    |       |       |         |            |             |         |                                        | <del>                                     </del> |         |         |          |               |         |         |      |          |            | 2         | 13                         |
| 50/ 49           |                                        |       |       |       |         |            |             |         |                                        | 1 1                                              |         |         |          |               | J       |         |      |          |            | 1         | ĵ                          |
| 48/ 47           |                                        |       |       |       |         |            |             |         |                                        | <del>                                     </del> |         |         |          |               |         |         |      |          |            |           | <del></del>                |
| 46/ 45           |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               | - 1     |         |      |          |            |           | í                          |
| 44/ 43           |                                        |       |       |       |         |            |             |         |                                        |                                                  |         | -       |          |               | t       |         |      |          |            |           |                            |
| TOTAL            | 1.4                                    | 27.5  | 40.2  | 21.2  | 6.8     | 2.0        | .5          | . 2     | .1                                     |                                                  |         |         |          |               |         | ;       |      |          | 3325       | ļ         | 3322                       |
|                  |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               |         |         |      | 3322     |            | 3322      |                            |
|                  |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               | ļ       |         |      |          |            |           |                            |
|                  |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               |         |         |      |          |            |           |                            |
|                  |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               |         |         |      | į        |            |           |                            |
|                  |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               |         |         |      |          |            |           |                            |
|                  |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               |         |         |      |          |            |           |                            |
| !                |                                        |       |       |       |         |            |             |         |                                        | 1 1                                              |         |         |          |               | Ţ       |         |      |          |            |           |                            |
|                  |                                        |       |       |       |         |            |             |         |                                        |                                                  |         |         |          |               |         |         |      |          |            |           |                            |
|                  |                                        |       |       |       |         |            |             |         |                                        | 1                                                | ı       |         |          |               | - 1     |         |      |          |            |           |                            |
| <b></b>          | لـــــــــــــــــــــــــــــــــــــ |       |       |       | <u></u> | L          | <u> </u>    |         | ــــــــــــــــــــــــــــــــــــــ | <u> </u>                                         |         |         | L        | L             | الحجيا  |         |      |          |            |           |                            |
| Element (X)      |                                        | Σχ'   | 015/  |       | 2 x     |            | <u>X</u>    | - x     |                                        | No. Obs                                          |         |         |          | <del></del> - |         |         |      | Temperat |            |           |                            |
| Rel. Hym.        |                                        | 2344  |       |       | 2776    | <u>/6 </u> | 74 0        | 8.3     | 43                                     | 337                                              |         |         | F :      | 32 F          | ≥ 67    |         | 73 F | ≥ 80 F   | 2 93 F     | :   _ 7   | Total O.C.                 |
| Dry Bulb         |                                        | 1871  |       |       | 2490    |            |             | 4.2     |                                        | 332                                              |         |         |          |               | 86      |         | 47,7 | 9,8      | 3          |           | 90                         |
| Dew Point        |                                        | 1686  |       |       | 2363    |            |             | 3.7     |                                        | 332                                              |         |         |          |               | 80.     |         | 29.4 |          |            |           | 90                         |
| DEM LOIUL        |                                        | 1609  | 2463  |       | 2308    | 11         | <u>07.2</u> | 4.1     | 22                                     | 332                                              | 4       |         |          |               | 75.     | . 0]    | 18.6 |          |            |           | 90                         |

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

| Temp.       |     |              |       | WET BULB TEMPERATURE DEPRESSION (F)    5 - 6   7 - 8   9 - 10   11 - 12   13 - 14   15 - 16   17 - 18   19 - 20   21 - 22   23 - 24   25 - 26   27 - 28   29 - 30   = 31 |                |        |            |                       |          |              |              |                                                  |         |              |          |              |              | TOTAL     |            | TOTAL        |              |  |  |
|-------------|-----|--------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------|-----------------------|----------|--------------|--------------|--------------------------------------------------|---------|--------------|----------|--------------|--------------|-----------|------------|--------------|--------------|--|--|
| (F)         | 0   | 1 - 2        | 3 - 4 | 5 - 6                                                                                                                                                                    | 7 - 8          | 9 - 10 | 11 - 12    | 13 - 14               | 15 - 16  | 17 - 18      | 19 - 20      | 21 - 22                                          | 23 - 24 | 25 - 26      | 27 - 28  | 29 - 30      | <b>231</b>   | D.B./W.B. | Dry Bulb   | Wet Bulb     | Dew Point    |  |  |
| 96/ 95      |     |              |       |                                                                                                                                                                          |                |        |            |                       |          |              |              | • 0                                              |         |              |          |              |              | 1         | 1          |              |              |  |  |
| 94/ 93      |     | l            |       |                                                                                                                                                                          | J              |        |            |                       |          |              | . 1          | • 1                                              |         | i i          |          |              |              | 4         | 4          |              | 1            |  |  |
| 92/ 91      |     |              |       |                                                                                                                                                                          |                |        | •0         | • 1                   | .4       | •5           | •0           |                                                  |         |              |          |              |              | 3.5       | 35         |              |              |  |  |
| 90/ 89      |     | ļ            | i I   |                                                                                                                                                                          |                | • 0    | .4         | 1.5                   | 1.4      |              | .1           | •0                                               | •0      |              |          |              |              | 136       | 136        |              |              |  |  |
| 89/ 87      |     | Γ            | i     |                                                                                                                                                                          |                | . 3    | 3.0        | 3.2                   | 1.2      | .2           | •0           |                                                  |         |              |          |              | •0           | 287       | 287        |              |              |  |  |
| 86/ 85      |     |              |       | • 0                                                                                                                                                                      | .7             | 5.3    | 6.6        | 3.4                   | .5       | . 1          |              | •0                                               |         |              |          | l            | ]            | 567       | 568        |              | ļ            |  |  |
| 84/ 83      |     |              |       | • 6                                                                                                                                                                      | 4.4            |        | 4.7        | 1.1                   | •1       | .2           |              |                                                  | •0      |              |          |              |              | 652       | 653        |              |              |  |  |
| 82/ 81      |     | 1            | .3    | 2.8                                                                                                                                                                      | 6.9            | 5,4    | 1.6        | .6                    | .1       | .2           | . 1          | i                                                |         | l            |          |              |              | 600       | 691        |              | 1            |  |  |
| 80/ 79      |     | i            | 1.1   | 4.2                                                                                                                                                                      | 5.7            | 2.1    | •9         | • 2                   | .1       | •0           | •0           |                                                  |         |              |          |              |              | 480       | 480        | 9            |              |  |  |
| 78/ 77      |     | • 1          | 1.0   | 2.4                                                                                                                                                                      | 2.2            | . 8    | • 4        | • 1                   | .1       | . 1          |              |                                                  |         | İ            |          |              | } ,          | 245       | 245        | 162          |              |  |  |
| 76/ 75      |     | .4           | 1.0   | 1.2                                                                                                                                                                      | . 8            | • 4    | • 1        | • 1                   | .1       | •0           |              |                                                  |         |              |          |              |              | 141       | 141        | 821          | 72           |  |  |
| 74/ 73      | .0  | 6            | . 9   | .7                                                                                                                                                                       | . 3            | • 2    | . 1        | •1                    | 0        |              |              |                                                  |         |              |          |              |              | 90        | 99         |              |              |  |  |
| 72/ 71      | .1  | .4           | •6    | • 3                                                                                                                                                                      | •0             | • 1    | •1         | •1                    | [        |              |              |                                                  |         | [            |          |              |              | 54        | 54         |              |              |  |  |
| 70/ 69      | .0  | .2           | .4    | • 1                                                                                                                                                                      | •0             | 1      | •0         |                       | l        |              |              |                                                  |         | <u> </u>     |          |              |              | 30        |            |              | 873          |  |  |
| 68/ 67      | • 1 | -            |       |                                                                                                                                                                          |                | •0     | •0         |                       |          |              |              |                                                  |         | 1            |          |              |              | 16        | 16         |              | 668          |  |  |
| 66/ 65      | 1   | .1           |       |                                                                                                                                                                          |                |        |            |                       |          |              |              |                                                  |         |              |          | <u> </u>     |              | 10        | 10         |              |              |  |  |
| 64/ 63      |     | .1           | . 0   |                                                                                                                                                                          |                |        |            |                       |          |              |              |                                                  |         |              |          |              |              | 3         | 3          |              |              |  |  |
| 62/ 61      |     | .0           |       |                                                                                                                                                                          |                |        |            |                       | <u> </u> | L            |              |                                                  |         | <u> </u>     |          |              |              | 1         | 1          | 19           |              |  |  |
| 60/ 59      |     | i            |       |                                                                                                                                                                          |                |        |            |                       |          |              |              | 1                                                |         |              |          |              |              |           |            | 15           |              |  |  |
| 58/ 57      |     |              |       |                                                                                                                                                                          |                |        |            |                       | <u> </u> |              |              | <u> </u>                                         |         | <u> </u>     |          |              |              |           |            | 4            |              |  |  |
| 56/ 55      |     | 1            |       | 1                                                                                                                                                                        |                |        | <b>!</b> ! |                       | 1        | .            | 1            |                                                  |         | l            |          |              |              |           |            | 1            | 25           |  |  |
| 54/ 53      |     |              |       |                                                                                                                                                                          |                |        |            |                       |          |              |              |                                                  |         |              |          |              | L            |           |            |              | 12           |  |  |
| 52/ 51      |     |              | 1 1   |                                                                                                                                                                          |                |        |            |                       |          |              | 1            |                                                  |         | l            |          | l            |              |           |            | 1            | 9            |  |  |
| 50/ 49      |     | !            |       |                                                                                                                                                                          |                |        |            |                       |          |              |              |                                                  |         |              |          |              | ļ            |           |            |              | 8            |  |  |
| 48/ 47      |     | 1            | !     |                                                                                                                                                                          |                |        | ļ ·        | ł                     |          | 1            |              | 1                                                |         | Į.           | Ī        | i            |              |           |            | 1            | 4            |  |  |
| 46/ 45      |     |              | ļ     |                                                                                                                                                                          |                |        |            |                       |          |              |              |                                                  |         | ļ            | <b> </b> |              |              |           |            |              | 3            |  |  |
| 44/ 43      |     | 1            | 1     |                                                                                                                                                                          |                |        |            |                       |          |              |              |                                                  |         | 1            |          | l            | ]            |           |            |              | 1            |  |  |
| 6/ 5        |     | <u> </u>     |       |                                                                                                                                                                          |                |        |            |                       | <u> </u> | <u> </u>     |              |                                                  |         | <u> </u>     | l        | <u> </u>     | <u> </u>     |           |            |              | 1            |  |  |
| TOTAL       | .3  | 2.1          | 5.6   | 12.4                                                                                                                                                                     | 21.0           | 23.3   | 18.1       | 10.4                  | 4.0      | 2.1          | .3           | • 2                                              | •1      | -[           | i        |              | •0           |           | 3364       | 1            | 3361         |  |  |
|             |     | Ļ            | ļ     |                                                                                                                                                                          |                |        | <u> </u>   | ļ                     | <u> </u> |              |              | <u> </u>                                         | ļ       | ļ            | <u> </u> | <u> </u>     | ļ            | 3361      |            | 3361         |              |  |  |
|             |     |              |       |                                                                                                                                                                          |                | [      |            |                       |          |              | ŀ            |                                                  |         |              | İ        |              | ļ            |           |            |              | İ            |  |  |
|             |     | <del> </del> | -     |                                                                                                                                                                          |                |        |            | <u> </u>              |          | <del> </del> | <del> </del> | <del>                                     </del> |         | <del> </del> |          | <del> </del> | <del> </del> |           | <b> </b> - | <del> </del> | <del> </del> |  |  |
|             |     | 1            |       |                                                                                                                                                                          |                |        |            | İ                     |          |              |              | ĺ                                                |         |              |          |              |              | '         |            |              |              |  |  |
| Element (X) |     | Σχ²          |       |                                                                                                                                                                          | z <sub>X</sub> |        | X          | <b>€</b> <sub>X</sub> |          | No. Ob       |              |                                                  |         |              | Mean I   | No. of H     | ours with    | Tempera   | ture       |              |              |  |  |
| Rel. Hum.   |     | 1455         | 7233  |                                                                                                                                                                          | 2181           |        | 64.9       |                       |          | 33           |              | ≤ 0                                              | F       | ≤ 32 F       | ≥ 67     |              | 73 F         | ≥ 80 F    | ≥ 93       | F            | Total        |  |  |
| Dry Bulb    |     |              | 6101  |                                                                                                                                                                          | 2760           |        | 82.1       |                       |          | 33           |              |                                                  |         |              |          |              | R7.0         |           |            | .1           | 90           |  |  |
| Wet Bulb    |     |              | 9713  |                                                                                                                                                                          | 2445           |        | 72.8       |                       |          | 33           |              |                                                  |         |              |          |              | 55.9         |           | 1          |              | 90           |  |  |
| Dew Point   |     | 1589         | 7251  |                                                                                                                                                                          | 2307           | 45     | 68.7       | 4.0                   | 74       | 33           | 61           |                                                  |         | • 0          | 70       | .7           | 11.1         |           |            |              | <u> </u>     |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# **PSYCHROMETRIC SUMMARY**

| 2911           | RA      | NDOL     | PH A       | FB T       | EXAS         | /SAN | ANT      | <u>0140</u> |             | 3R-        | 75      |      | HU L     |               |                      |          |              |           |          |          |             |  |
|----------------|---------|----------|------------|------------|--------------|------|----------|-------------|-------------|------------|---------|------|----------|---------------|----------------------|----------|--------------|-----------|----------|----------|-------------|--|
|                |         |          |            | 3.         |              |      |          |             |             |            |         |      |          |               | ARS                  |          |              | PAGE      | : i      |          | -1400       |  |
| Temp,          |         |          |            |            |              | WET  | BIII B 1 | EMPER       | ATURE       | DEPPE      | SSION ( | E)   |          |               |                      |          |              | TOTAL     |          | TOTAL    |             |  |
| (F)            | 0       | 1-2      | 3 - 4      | 5 - 6      | 7 - 3        |      |          | 13 - 14     |             |            |         |      | 23 - 24  | 25 - 26       | 27 - 28              | 29 - 30  | ≥ 31         | D.B./W.B. | Dry Bulb |          | Dew Point   |  |
| 2/101          |         |          |            |            |              |      |          |             |             |            | .0      |      | •0       |               |                      |          |              | 2         | 2        |          |             |  |
| 0/ 99          |         |          |            |            |              |      |          |             |             |            |         |      | .0       | 5 1           | ,1                   |          | • C          |           | 9        |          |             |  |
| 8/ 97          |         |          |            |            |              |      |          |             | •0          |            | . 1     | • 4  | • 5      | • 3           |                      | ,0       |              | 50        | 50       |          |             |  |
| 6/ 95          |         |          |            |            |              |      |          | • 1         | .1          | .4         |         | 1.5  | • 8      |               |                      |          |              | 142       | 142      |          | <u></u>     |  |
| 1/ 93          |         |          |            |            |              | • 1  | •0       |             | 1.1         |            | 3.2     |      | • 3      | • 1           | j                    |          |              | 303       | 303      | i 1      | İ           |  |
| 2/ 91          |         |          |            |            |              | • 1  | .4       |             | 3 <u>.8</u> | 5.0        |         |      | لعب      | <u> </u>      |                      |          |              | 488       | 429      |          |             |  |
| 0/ 89          |         |          |            |            | • 1          | ,3   |          |             | 0           | , , ,      | . 9     |      | • 1      |               | •0                   |          |              | 670       | 672      |          | ĺ           |  |
| 3/ 87          |         |          |            |            | -1           | 1.3  |          | 5           | 1           | 1.1        | .2      | • 1  | • 1      |               | •0                   |          |              | 578       | 578      |          | <del></del> |  |
| 6/ 85          |         |          | ,          | • <u>k</u> | • 4          |      |          | 3.2         |             |            |         |      | •0       | 1             |                      |          |              | 425       | 425      |          | i           |  |
| 4/ 83          |         |          | • 1        | • 1        | .9           |      |          |             | .3          |            |         | •0   | •0       |               |                      |          |              | 230       | 230      |          | <del></del> |  |
| 2/ 81<br>0/ 79 |         | أ, ا     | • 2        | •5         | 1.0          |      |          |             |             |            | .1      |      |          | }             |                      |          |              | 167<br>98 | 167      |          |             |  |
| 0/ 79<br>8/ 77 |         | • 0      | •3<br>•2   | •5         | •7           |      | .3       | .2          | •1          | , <u>1</u> |         |      |          |               |                      |          |              | 64        | 64       | 347      | 2<br>19     |  |
| 6/ 75          |         | .0       | .2         |            |              |      |          |             |             |            |         |      |          | i             | j                    |          |              | 44        | 44       | 852      | 69          |  |
| 4/ 73          | • 2     |          |            | _          | • •          | • 4  | • 0      | 1           | ••          | .0         |         |      |          | <del> </del>  |                      |          | <del> </del> | 40        | 40       |          | 219         |  |
| 71             | . 1     | .2       | .3         |            |              |      |          | ō           |             | ••         |         |      |          | 1             |                      |          |              | 22        | 22       | 611      | 426         |  |
| 7 69           | •0      |          | •1         | **         |              |      |          |             |             |            | -       |      |          |               |                      |          |              | 11        | 11       | 241      | 580         |  |
| 3/ 67          | . 1     | .1       | .1         |            |              |      |          |             |             |            |         |      |          | ,             | 1                    |          |              | - 8       | a        |          |             |  |
| / 65           |         | .0       |            |            |              |      |          |             |             |            |         |      |          |               |                      |          |              | 2         | 2        | 44       | 585         |  |
| 4/ 63          |         | .1       |            |            |              |      |          |             |             | [          |         | i    |          |               |                      |          | 1            | 3         | 3        | 36       |             |  |
| 2/ 61          |         |          |            |            |              |      |          |             |             |            |         |      |          |               |                      |          | I            |           |          | 11       | 175         |  |
| 0/ 59          |         |          |            |            |              |      |          |             |             |            |         | _    |          |               |                      |          |              |           |          | ล        |             |  |
| B/ 57          |         |          |            |            |              |      |          |             |             |            |         | l    |          |               |                      |          |              |           |          | 2        |             |  |
| 6/ 55          |         |          |            |            |              |      |          |             |             | <u> </u>   |         |      |          |               |                      | <u> </u> |              |           |          |          | 28          |  |
| 4/ 53          |         |          |            |            |              |      |          |             |             | 1          |         | 1    | 1        | i             |                      |          |              |           |          | i 1      | 16          |  |
| 2/ 51          |         |          | <u> </u>   |            |              |      |          |             |             | <u> </u>   |         |      | <u> </u> | <u> </u>      | <u></u>              |          |              |           |          |          | 22          |  |
| 0/ 49          |         | ¦        |            |            |              |      |          |             |             |            |         |      |          |               |                      |          |              |           |          |          | 15          |  |
| 8/ 47          |         |          |            |            |              |      |          |             |             | ļ          |         |      |          |               |                      |          | <u> </u>     |           |          | <u> </u> | 2           |  |
| 6/ 45          |         |          | ŀ          |            |              | l    |          |             |             | ł          |         |      |          | l             |                      |          | ľ            |           | i        |          | 1           |  |
| 4/ 43          |         | <u> </u> | <b> </b> - | <u> </u>   | ļ            | ļ    |          |             |             | <b> </b> - |         |      | ļ        |               |                      |          | <b></b>      |           |          |          | 2           |  |
| 2/ 41<br>TAL   | 2       | 1 2      | ۱, ۵       | 3 %        | , ,          |      | 12 4     | 10 5        |             | l.,        | ١,,     | ١, , | ١, ,     |               | ا م                  | ,        | ؍ ا          |           | 3359     |          | 4<br>3356   |  |
| IIAL           |         | 1.3      | 1.7        | 2.4        | 2.0          | 8.4  | 13.0     | 18.5        | 19.0        | 14.1       | 9.1     | 4.5  | 107      | •6            | •2                   | •0       | •0           | 3356      | 32,3     | 3356     |             |  |
|                |         |          |            |            |              |      |          |             |             |            |         | İ    |          |               |                      |          | ŀ            |           |          | 2220     |             |  |
| ement (X)      |         |          |            |            |              |      | X        | <b>₹</b> 2  |             | No. Obs.   |         |      |          |               | Mean No. of Hours wi |          |              | Temperat  | ure      |          |             |  |
| I. Hum.        |         |          |            |            | 175377 52.31 |      |          |             |             | 56         | 10      | F    | ≤ 32 F   | ≥ 67 F ≥ 73 F |                      |          | ≥ 80 F       | ≥ 93 F    |          | Total    |             |  |
| y Bulb         | 2595633 |          | 25956331   |            | 294765       |      |          | 5.1         |             |            | 59      |      |          |               | 89                   |          | 8.8          |           |          | .6       | 90          |  |
| et Bulb        |         | 1815     |            |            | 2466         |      |          | 2.9         |             |            | 56      |      |          |               | 87                   |          | 62.3         |           |          |          | 90          |  |
| ew Point       |         | 1521     | 1143       | ·          | 2254         | 25   | 67.2     | 4.5         | 41          | 33         | 56      |      | 1        |               | 54                   | . 1      | 8.3          |           | li -     | 1        | 90          |  |

USAFETAC FORM OF 26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| Tends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12911<br>STATION |              | RANDOLPH AFB TEXAS/SAN ANTONIO 38-75         |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         | YEARS                         |         |      |           |              |                |           |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|----------------------------------------------|-------|-------|-------|-------|-------------------------------------------------|---------|---------|---------|----------|----------|---------|-------------------|---------|-------------------------------|---------|------|-----------|--------------|----------------|-----------|--|--|
| (F) 0 1 2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 2.24 25.28 27.28 29.30 31 0.8.0.8 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |              |                                              |       |       |       |       |                                                 |         |         |         |          |          |         |                   | . 1     | 1500-1700<br>HOURS (L. S. T.) |         |      |           |              |                |           |  |  |
| 104/103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |              |                                              |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         | ·                             |         |      |           |              |                |           |  |  |
| 102/101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |              |                                              | 1 - 2 | 3 · 4 | 5 - 6 | 7 - 8 | 9 - 10                                          | 11 - 12 | 13 - 14 | 15 - 16 | 17 - i8  | 19 - 20  | 21 - 22 | 23 - 24           | 25 - 26 | 27 - 28                       | 29 - 30 | ≥ 31 | D.B./W.B. | )iy Bulb     | Wet Bulb       | Dew Point |  |  |
| 98/ 97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 102/101          | 1            | 1                                            |       |       |       |       |                                                 |         |         |         |          |          | •0      |                   | •1      |                               | • 1     | • 1  | 5<br>8    |              |                |           |  |  |
| 96/ 95 94/ 99 94/ 99 96/ 95 96/ 97 96/ 99 97/ 91 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98/ 99 98 | 98/ 97           | 7            |                                              |       |       |       |       |                                                 |         |         |         | .2       |          |         |                   |         |                               |         |      |           |              |                |           |  |  |
| 97/ 91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |              | 7                                            |       |       |       |       |                                                 | .1      |         |         |          |          | 2.9     | 2.0               | •7      | $\rightarrow$                 |         |      |           |              |                |           |  |  |
| 887 87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |              |                                              |       |       |       |       |                                                 | • 5     | 2.3     | 3.8     | 6.1      | 3.4      | 1.2     | •2                |         |                               |         |      | 596       | 596          |                |           |  |  |
| 84/83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 88/ 8            | 7            | Ì                                            |       |       | •0    |       | . 8                                             | 2.3     | 2.6     | 2.3     | 1.3      | .4       | .3      | • 2               | •1      | •                             |         |      | 348       | 348          |                |           |  |  |
| SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 84/ 83           | 3            | 7                                            |       |       | •1    | • 6   | 1.1                                             | 1.5     | •7      | •4      | . 2      | • 2      |         | • •               |         |                               |         |      | 171       | 171          | 1              |           |  |  |
| 76/ 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 80/ 79           | 91           | 7                                            |       | • 4   | • 6   | •6    | • 7                                             | -1      |         |         | ,1       | •0       |         |                   |         |                               |         |      | 91        | 91           | 100            | 4         |  |  |
| 72/ 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 76/ 7            | 5            |                                              | • 2   | ة.    | • 4   |       | _                                               | ••      |         |         | • 1      | • 1      |         |                   |         |                               |         |      | 49        | 49           | 778            |           |  |  |
| 68/ 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 72/ 7            | 1            |                                              | • 2   | • 1   | • 2   |       |                                                 |         |         |         |          |          |         |                   |         |                               |         |      | 21        | 21           | 679            | 377       |  |  |
| 64/63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 68/ 6            | 7            |                                              | • 1   | • 1   | •0    |       |                                                 |         |         |         |          |          |         |                   |         |                               |         |      | .1        | 11           | 85             |           |  |  |
| 60/ 59 58/ 57 56/ 55 52/ 51 50/ 49 48/ 47 46/ 45 44/ 43 42/ 41  FOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 64/ 63           | 3            | • 0                                          |       | • 1   |       |       |                                                 |         |         |         | <u> </u> |          |         |                   |         |                               |         |      |           |              |                | 385       |  |  |
| 56/ 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60/ 59           | 9            | <u>•                                    </u> |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         |                               |         |      | 1         | 1            |                |           |  |  |
| 54/53 52/51 50/49 48/47 46/45 44/43 42/41  TOTAL •4 1.8 2.1 2.5 3.5 5.3 8.812.713.816.913.4 9.1 5.9 2.3 1.0 •3 •1 3355 3359  Element (X)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |              | $\dashv$                                     |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         |                               |         |      |           |              | 1              | 94<br>41  |  |  |
| 50/ 49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |              | $\dashv$                                     |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         |                               |         |      |           |              |                | 25<br>24  |  |  |
| 46/ 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |              | $\dashv$                                     |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         |                               |         |      | -         |              |                | 10        |  |  |
| 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 46/ 4!           | 5            | _                                            |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         |                               |         |      |           |              |                | . 5<br>5  |  |  |
| State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   Stat   | 42/ 41           | 1            | . 4                                          | 7.8   | 2.1   | 2.5   | 3.5   | 5.3                                             | 8.8     | 12.7    | 13.8    | 16.9     | 13.4     | 9.1     | 5.0               | 2.2     | 1.0                           |         | 1    |           | 3350         |                | 1<br>3354 |  |  |
| Rel. Hum.     8759030     164638     49.114.214     3354     ±0F     ±32F     ±67F     ±73F     *80F     ±93F     Total       Dry Bulb     26882913     299819     89.3     6.016     3359     89.3     98.5     93.1     27.5     9       Wet Bulb     18144475     246505     73.5     3.127     3355     87.3     59.2     1.4     9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |              |                                              |       | - 7 4 |       |       | Ĺ <u>,                                     </u> |         |         |         | <u> </u> | <u> </u> | ,,,,    |                   | 243     |                               |         |      |           |              | 3355           |           |  |  |
| Dry Bulb         26882913         299819         89.3         6.016         3359         89.3         98.5         93.1         77.5         9           Wet Bulb         18144475         246505         73.5         3.127         3355         87.3         59.2         1.4         9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  | <del>'</del> |                                              |       | 9030  |       |       | 20                                              |         |         |         |          |          | 4.0     | E   .             | 22 E    |                               |         |      |           |              | - 1            | Tatal     |  |  |
| Wet Bulb 18144475 246505 73.5 3.127 3355 87.3 59.2 1.4 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | +-           |                                              |       |       |       |       |                                                 |         |         |         |          |          | 2 9     | <del>-  - `</del> | . J2 F  |                               |         |      |           |              |                | 90        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | +            |                                              |       |       |       |       |                                                 |         |         |         |          |          |         | $\dashv$          |         |                               |         |      |           |              | <del>• )</del> | 90        |  |  |
| Dew Point 14858533 222599 66.4 5.036 3354 47.1 8.1 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Dew Point        | +-           |                                              |       |       |       |       |                                                 |         |         |         |          |          |         |                   |         |                               |         | 8.1  | 1.04      | <del> </del> |                | 90        |  |  |

RANDOLPH AFB TEXAS/SAN ANTONIU

# **PSYCHROMETRIC SUMMARY**

| STATION     |     |        |       | 51    | ATION N | ME   |             |        |       | <del>-</del> |       |           |          | YE       | ARS     |         |      |          |            |               | NTH                                              |
|-------------|-----|--------|-------|-------|---------|------|-------------|--------|-------|--------------|-------|-----------|----------|----------|---------|---------|------|----------|------------|---------------|--------------------------------------------------|
|             |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      | PAGE     | = 1        |               |                                                  |
|             |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      | PAGE     | <b>.</b> 1 | HOURS I       | -2000                                            |
| Temp.       |     |        |       |       |         | WET  | BULB 1      | TEMPER | ATURE | DEPRE        | SSION | E)        |          |          |         |         |      | TOTAL    |            | TOTAL         |                                                  |
| (F)         | 0   | 1 - 2  | 3 - 4 | 5 - 6 | 7 - 8   |      |             |        |       |              |       |           | 23 . 24  | 25 - 26  | 27 . 20 | 29 - 30 | > 31 |          | Dev Bulb   |               | Dew Point                                        |
| 102/101     |     |        | -     |       | -       | , ,, |             |        | 1.5   | 1.7.10       |       | 2,1 - 2.2 | •0       |          | 17 - 10 | 27 - 30 |      |          | 21         |               |                                                  |
| 100/ 99     |     |        |       |       |         |      |             |        |       | •            | l     |           | • 0      | .0       | . 1     | . 1     | •c   | 2<br>7   | 7          |               | ł                                                |
| 98/ 97      | _   |        |       |       |         |      | l           |        |       | ,            | .1    |           | • 2      | •3       | .1      | • 1     | • 0  | 24       | 24         |               | <del> </del>                                     |
| 96/ 95      |     |        |       |       |         |      |             |        | .0    | .2           | 4     | • 1       | .4       | 1        | • ^     |         |      | 53       | 53         |               | ĺ                                                |
| 94/ 93      |     |        |       |       |         | •0   | • 1         | • 1    | .4    |              | 1.0   |           | • 5      |          | ٠Ü      |         |      | 123      | 123        |               | l                                                |
| 92/ 91      |     |        |       |       |         | .0   |             | .8     |       |              |       | 8.        | • 2      |          | • •     |         |      | 216      | 216        |               | ĺ                                                |
| 90/ 69      |     |        |       |       |         | • 2  | - 9         | 2.4    |       | 3.0          |       | •3        | • 1      | <b> </b> |         |         |      | 350      | 350        |               | i                                                |
| 88/ 87      |     | ŀ      |       |       | .3      | 1.2  | 2.9         |        |       |              | .6    | .1        | •0       |          |         |         |      | 453      | 453        |               | 1                                                |
| 86/ 85      |     |        |       | • 1   | 1.1     | 2.9  | 4.6         |        | 1.3   |              |       | • 2       | • 1      |          |         |         | i    | 486      | 486        | <del></del> i |                                                  |
| 84/ 83      |     |        | .0    | .7    | 2.5     | 4.2  | 3.4         |        | .9    |              | 1 .2  | •0        | ٧.       |          |         |         |      | 460      | 460        | 1             | 1                                                |
| 82/ 81      |     |        | . 2   | 1.4   | 2.8     |      | 1.6         |        |       |              | .1    | •0        | _        |          |         |         |      | 341      | 341        | 5             | <del>                                     </del> |
| 80/ 79      |     | . 1    | • 5   | 2.0   |         | 1.8  |             | .3     |       |              | .0    |           |          |          |         |         |      | 261      | 261        | 47            |                                                  |
| 78/ 77      |     | • 1    | 1.0   |       | 1.0     | • 6  |             | • 1    | •1    | .1           |       |           |          |          |         |         | i    | 155      | 155        |               | 19                                               |
| 76/ 75      | . 1 | • 3    | 1.2   | 1.0   | .7      | . 2  |             | • 2    |       |              | ٠.    |           |          |          |         |         |      | 127      | 127        | 618           |                                                  |
| 74/ 73      | • 1 | 1.0    | . 9   | • 7   | • 2     | •1   |             |        |       |              |       |           |          |          |         |         |      | 102      | 192        | 849           |                                                  |
| 72/ 71      | . 1 | .7     | . 5   | .3    |         | •0   | .0          | .0     |       |              | 1     |           |          | <b>!</b> |         |         |      | 57       | 57         | 786           |                                                  |
| 70/ 69      |     | .6     | • 3   | •0    | •0      |      | .0          |        |       |              |       |           |          |          |         |         |      | 34       | 34         | 414           | 623                                              |
| 68/ 67      |     | • 2    | • 1   | • 0   |         |      | .0          |        |       | İ            |       |           |          | li       | i       |         |      | 12       | 12         | 185           |                                                  |
| 66/ 65      | •0  | • 2    | • 0   |       |         |      |             |        |       |              |       |           |          |          |         |         |      | 7        | 7          | 62            | 454                                              |
| 64/ 63      |     | • 1    |       |       |         |      |             |        | l     |              | l     |           |          |          |         |         |      | 3        | 3          | 46            |                                                  |
| 62/ 61      |     | • 0    |       |       |         |      |             |        |       |              |       |           |          | i        |         |         |      | 1        | 1          | 19            | 200                                              |
| 60/ 59      |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         | i    |          | _          | Я             |                                                  |
| 58/ 57      |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      |          |            | 2             | 73                                               |
| 56/ 55      |     | !      |       |       |         |      |             |        |       |              | l     |           |          |          |         |         |      |          |            | 1             | 37                                               |
| 54/ 53      |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      |          |            |               | 23                                               |
| 52/ 51      |     | اــــا |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      |          |            |               | 19                                               |
| 50/ 49      |     | l i    |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      |          |            |               | 12                                               |
| 48/ 47      |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      |          |            |               | 5                                                |
| 46/ 45      |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      |          |            |               | 2                                                |
| 44/ 43      |     |        |       |       |         |      | L           |        |       |              |       |           |          |          |         |         |      |          |            |               | 1                                                |
| 42/ 41      |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      |          |            |               | 1                                                |
| TOTAL       | 3   | 3.3    | 4.7   | 7.8   | 10.7    | 14.7 | 14.8        | 13.9   | 10.8  | 8.4          | 5.1   | 3.1       | 1.5      | • 5      | . 2     | • 1     | •0   |          | 3274       |               | 3274                                             |
| ]           |     |        |       |       |         |      |             |        |       |              |       |           |          |          |         |         |      | 3274     |            | 3274          |                                                  |
| <del></del> |     | لببيا  |       |       |         |      | L           |        |       | <u> </u>     | L     | L         |          | <u> </u> | لــــا  |         |      |          |            |               |                                                  |
| Element (X) |     | Z X1   | إيب   |       | χ       |      | X           | · **   |       | No. Ob       |       |           | ····     |          |         |         |      | Temperat | ure        |               |                                                  |
| Rel. Hum.   |     | 1190   |       |       | 1913    | 96   | <u>58,5</u> | 14.8   | 07    | 32           |       | 201       | <u> </u> | 32 F     | ≥ 67    |         | 73 F | ≥ 80 F   | ≥ 93 F     |               | Total                                            |
| Dry Bulb    |     | 2340   |       |       | 2761    |      |             | 5.8    |       | 32           |       |           |          |          | 89      |         | 86.9 | 73.      | 7 5        | .7            | 90                                               |
| Wet Bulb    |     | 1726   |       |       | 2374    |      |             | 3,2    |       | 32           |       |           |          |          | 86      |         | 48.1 | ,        |            |               | 90                                               |
| Dew Point   |     | 1484   | 9312  |       | 2199    | 12   | 67.2        | 4.8    | 82    | 32           | 74    |           |          |          | 54      | . 9!    | 9.8  | • (      | ol .       |               | 90                                               |

39-45,47-75

FORM 10.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM 1E C'ISOLETE

# **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION  | RA       | NDOL             | PH A         |              | EXAS            |            | ANT     | OINO       |             | 38-            | 45,4    | 7-75        |               | YE           | ARS           |             |              |            |            | J L       | JN                |
|------------------|----------|------------------|--------------|--------------|-----------------|------------|---------|------------|-------------|----------------|---------|-------------|---------------|--------------|---------------|-------------|--------------|------------|------------|-----------|-------------------|
|                  |          |                  |              |              |                 |            |         |            |             |                |         |             |               |              |               |             |              | PAGE       | E 1        | 2100-     | -2300<br>. s. t.) |
| Temp.            |          |                  |              |              |                 | WET        | BULB T  | EMPER      | ATURE       | DEPRE          | SION (  | )           |               |              |               |             |              | TOTAL      |            | TOTAL     |                   |
| (F)              | 0        | 1 - 2            | 3 - 4        | 5 - 6        | 7 - 8           | 9 - 10     | 11 - 12 | 13 - 14    | 15 - 16     | 17 - 18        | 19 - 20 | 21 - 22     |               |              | 27 - 28       | 29 - 30     | ≥ 31         | D.B./W.B.  | Dry Bulb   | Wet Bulb  | Dew Poin          |
| 90/ 89<br>88/ 87 |          |                  |              |              | • 0             | .0         | . 1     | • 0<br>• 5 | • 2<br>• 3  | . 2            | . 0     |             | • 0           | •0           |               |             |              | 14<br>35   | 14<br>35   |           |                   |
| 86/ 85           |          |                  |              | •0           | • 3             | . 6        | . 9     | , 8        | • 3         | .1             |         | • 0         |               |              | $\neg \neg$   |             |              | 101        | 101        |           |                   |
| 84/ 83           |          |                  | •0           |              |                 | 2.1        | 1.8     | • 7        | . 2         | . 1            |         |             |               |              |               |             |              | 223        | 223        |           |                   |
| 82/ 81           |          | • 0              | . 9          | 3.5          | 4.5             | 3.3        | 1.5     | • 7        |             | • 1            | اء      |             |               |              |               |             |              | 476        | 476        | 1         |                   |
| 80/ 79           |          | • 1              | 3.5          |              | 5.9             | 3.4        | 1.0     | • 3        | • 1         |                | •0      |             |               |              |               |             |              | 733        | 733        | 7         | <u> </u>          |
| 78/ 77<br>76/ 75 | ,        | . 8              |              |              |                 | 1.3        | • 4     | • 1        | • 1         | • 1            |         |             |               |              |               |             | Ì            | 643<br>435 | 643<br>435 | 96<br>410 | 126               |
| 74/ 73           | - 1      | 1.6              | 3.0          |              |                 | , 8<br>, 2 | • 2     | .2         | • 1         | - <del> </del> |         |             |               |              |               |             |              | 235        | 235        | 869       | 366               |
| 72/ 71           | . 2      | 2.3              | -            | .9           |                 | . 2        | • 2     | • •        |             |                |         |             |               |              |               |             | 1            | 184        | 184        | 801       | 588               |
| 70/ 69           | •••      | 1.1              | 1.5          | •3           | • 2             | . 4        | , 1     |            |             |                |         |             |               |              |               |             | <del> </del> | 117        | 117        | 576       | 774               |
| 68/ 67           | 1        |                  |              |              |                 | . 1        | ٠-      |            |             |                | - 1     |             |               |              |               |             |              | 49         | 49         | 259       | 533               |
| 66/ 65           | •0       | . 3              |              |              |                 |            |         |            |             |                |         |             |               |              |               |             |              | 20         | 20         | 142       | 423               |
| 64/ 63           | -        | • 1              | _            |              | . (.)           |            |         |            |             |                |         |             |               |              |               |             | 1            | 3          | 3          | 47        | 199               |
| 62/ 61           |          | • !              |              | .3           |                 |            |         |            |             |                |         |             |               | _            |               |             |              | 5          | 5          | 31        | 92                |
| 60/ 59           |          |                  |              |              |                 |            |         |            |             |                |         | ]           |               |              |               |             |              | <u> </u>   |            | 26        | 58                |
| 58/ 57           | •0       |                  |              | •0           |                 |            |         |            |             |                | -       |             |               |              |               |             |              | 2          | 2          | 7         | 27                |
| 56/ 55           |          |                  |              |              |                 |            |         |            |             |                |         |             |               |              |               |             |              | <u> </u>   |            | 2         | 29                |
| 54/ 53           |          |                  |              |              |                 |            |         |            |             |                | -       |             |               |              |               |             |              |            |            | 1         | 19                |
| 52/ 51           |          |                  |              |              |                 |            |         |            |             |                |         |             |               |              |               |             |              |            |            |           | 16                |
| 50/ 49<br>48/ 47 |          |                  |              |              |                 |            |         |            |             |                | i       |             |               |              | ŀ             |             |              |            |            |           | 1                 |
| 44/ 43           |          |                  | <del> </del> |              | <b></b>         |            |         |            |             | <del>├──</del> |         |             |               | -            | <del>  </del> |             |              |            |            |           |                   |
| OTAL             | . 5      | 8.5              | 20.7         | 26.9         | 19.5            | 12.4       | 6.3     | 3.3        | 1.2         | . 6            | . 1     | • 0         | • 0           | •0           | ] [           |             |              |            | 3275       |           | 327               |
|                  |          |                  |              |              |                 |            |         |            | .,,-        |                |         |             |               | 1            |               |             |              | 3275       | -          | 3275      |                   |
|                  |          |                  | <br>         | -            |                 |            |         |            |             |                |         |             |               |              |               | <del></del> |              |            |            |           |                   |
|                  |          |                  |              |              |                 |            |         |            | ·           |                |         |             |               |              |               | <del></del> |              |            |            |           |                   |
|                  |          |                  |              |              |                 |            |         |            |             |                |         |             |               |              |               |             |              |            |            |           |                   |
|                  | <u> </u> |                  |              |              |                 |            | <br>    |            |             |                |         | <del></del> |               | <del> </del> |               |             |              |            |            |           | <del></del>       |
| Element (X)      |          | Z <sub>X</sub> ; | L            | <del> </del> | ž <sub>X</sub>  |            | X       | <b>₹</b>   | <del></del> | No. Ob         |         |             |               |              | Mass N        | lo. ct u    | Out a 114    | h Temperat |            | L         | -                 |
| Rel. Hum.        |          | 1830             | 2050         |              | <del>2418</del> | 82         | 73.9    |            |             | 32             |         | ≤ 0 :       | F .           | ≤ 32 F       | ≥ 67          |             | 73 F         | × 30 F     | ≥ 93 1     | F 1 7     | Fotal             |
| Dry Bulb         |          | 1993             |              |              | 2551            | 32 -       | 77.9    | 4.2        | 60          | 32             | 75      |             |               |              | 89            |             | 79,6         |            |            |           | 9(                |
| Wet Bulb         |          | 1675             |              |              | 2340            |            |         | 3.3        |             | 32             | 75      |             | $\dashv$      |              | 83            | -0          | 38,0         |            |            |           | 9(                |
| Dew Point        |          |                  | 8479         |              | 2244            |            | 68.5    |            |             | 32             |         |             | $\neg \vdash$ |              | 66            |             | 14.0         |            |            |           | 90                |

RANDOLPH AFB TEXAS/SAN ANTONIO

# **PSYCHROMETRIC SUMMARY**

| JIAIIOA          |     |              |          | 3            | A. IO. N | AN'E |                 |                                                  |       |              |              |              |             | 1 6                                              | AKS      |         |           |           |              | MU                                               | NIH                                              |
|------------------|-----|--------------|----------|--------------|----------|------|-----------------|--------------------------------------------------|-------|--------------|--------------|--------------|-------------|--------------------------------------------------|----------|---------|-----------|-----------|--------------|--------------------------------------------------|--------------------------------------------------|
|                  |     |              |          |              |          |      |                 |                                                  |       |              |              |              |             |                                                  |          |         |           | PAG       | E 1          |                                                  | -0200                                            |
| Temp.            |     |              |          |              |          | WET  | BULB '          | TEMPER                                           | ATURE | DEPRE        | SSION (      | F)           |             |                                                  |          |         |           | TOTAL     |              | TOTAL                                            |                                                  |
| (F)              | 0   | 1 - 2        | 3 - 4    | 5 - 6        | 7 - 8    |      |                 | 13 - 14                                          |       |              |              |              | 23 - 24     | 25 - 26                                          | 27 - 28  | 29 - 30 | ≥ 31      | D.8.∕W.B. | Dry Bulb     |                                                  | Dew Poi                                          |
| 90/ 89           |     | <u> </u>     |          |              |          |      |                 |                                                  |       | -            | .0           |              |             |                                                  |          |         |           | 1         | 1            |                                                  |                                                  |
| 88/ 87           |     | ]            |          |              |          |      | ł               |                                                  |       | .0           |              |              |             |                                                  |          |         |           | l î       | î            | 1                                                | 1                                                |
| 86/ 85           |     | t            |          |              | •0       |      | ,1              | l                                                |       | •1           |              |              |             |                                                  |          |         |           | 7         | 7            | <del>                                     </del> | <del> </del>                                     |
| 84/ 83           |     | l            |          | .0           |          | . 5  |                 |                                                  | .1    | .0           | .0           |              |             |                                                  |          |         |           | 36        | 36           | i                                                | l                                                |
| 82/ 81           |     |              | i        | .7           | 1.4      | 1.5  | .7              | , 1                                              | • 1   |              | <u> </u>     |              |             | <u> </u>                                         |          |         |           | 154       | 154          |                                                  |                                                  |
| 80/ 79           |     | 1            | 2.7      | 8.6          |          | 2.2  |                 | . ,                                              | .0    | .0           | '            | !            |             |                                                  | 1        |         |           | 658       | 658          |                                                  | ļ                                                |
| 78/ 77           |     | 1.4          | 12.9     | 12.7         | 4.2      |      |                 |                                                  |       |              | i            |              |             |                                                  |          |         |           | 1085      | 1086         |                                                  |                                                  |
| 76/ 75           | . 1 | 5.0          | 13.0     | 5.5          | 1.0      |      |                 |                                                  |       | ļ            |              |              |             |                                                  |          |         |           | 838       | 838          |                                                  | 36                                               |
| 74/ 73           | • 1 | 3.4          | 5.0      | 1.5          | • 3      | •0   |                 |                                                  |       | T            |              |              |             |                                                  |          |         |           | 349       | 349          | 1129                                             | 46                                               |
| 72/ 71           | • 1 | 2.7          | 1.9      | .2           | . 3      |      |                 |                                                  | _     |              |              |              |             |                                                  |          |         |           | 181       | 181          |                                                  | 96                                               |
| 70/ 69           | . 1 |              |          | •1           | • 1      | •0   |                 |                                                  |       |              |              |              |             |                                                  |          |         |           | 54        | 55           |                                                  | 979                                              |
| 68/ 67           | • 0 | .3           | .1       | • 1          | •0       |      |                 |                                                  |       |              | <u> </u>     |              |             | İ                                                | <u> </u> |         |           | 18        | 1 3          | 155                                              |                                                  |
| 66/ 65           |     | .0           |          |              |          |      | 1               |                                                  |       |              |              |              |             |                                                  |          |         |           | 3         | 3            | 25                                               |                                                  |
| 64/ 63           |     | •0           |          |              |          |      |                 |                                                  |       |              |              |              |             | <u> </u>                                         |          |         |           | 1         | 1            | 18                                               |                                                  |
| 62/ 61           |     |              |          |              |          | :    |                 | 1                                                |       |              | 1            |              |             |                                                  |          |         |           |           |              | 11                                               |                                                  |
| 50/ 59           |     | ļ            |          |              |          |      |                 |                                                  |       |              |              |              |             |                                                  |          |         |           |           |              | 2                                                | 2:                                               |
| 58/ 57           |     |              |          |              |          |      | ]               |                                                  |       |              |              |              |             |                                                  |          |         |           |           |              | l                                                | 9                                                |
| 56/ 55           |     | ļ            |          |              |          |      |                 |                                                  |       |              |              |              |             |                                                  |          |         |           |           |              | <b>!</b>                                         | 2                                                |
| 54/ 53           |     |              |          | l            | ,        |      |                 |                                                  |       |              |              |              |             | ĺ                                                |          |         |           |           |              |                                                  | 5                                                |
| 52/ 51<br>50/ 49 |     |              |          | <b> </b>     |          |      | <b> </b>        |                                                  |       |              |              |              |             |                                                  |          |         |           |           |              |                                                  |                                                  |
| DTAL             | =   | 12 0         | 35.8     | ho 4         | , ,      |      | ۱, ,            | ارا                                              | _     | ١,           | Ι.           |              |             |                                                  | l í      |         |           |           | 2222         | l                                                | 000                                              |
| UIAL             | • 5 | 13.7         | 55.0     | 27.4         | 1240     | 2.5  | 1.0             | • 4                                              | .2    | • 2          |              |              |             |                                                  |          |         |           | 2001      | 3388         |                                                  | 3386                                             |
|                  |     | Ì            |          | <b>\</b>     | !        |      |                 | 1 1                                              |       | 1            |              |              |             |                                                  | i i      |         |           | 3386      |              | 3386                                             | j                                                |
|                  |     | <del> </del> | <b></b>  | <del> </del> |          |      | <del> </del>    |                                                  |       |              |              |              |             |                                                  |          |         |           |           |              | <del> </del>                                     |                                                  |
|                  |     | ļ            |          |              |          |      |                 |                                                  |       |              |              |              |             | i                                                |          |         |           |           |              |                                                  | 1                                                |
|                  |     |              | <b></b>  | <b></b> -    |          |      | <del></del>     | <del>                                     </del> |       | <del> </del> | <del> </del> |              |             |                                                  |          |         |           |           |              | <del> </del>                                     |                                                  |
| ļ                |     |              |          |              |          |      |                 | ! }                                              |       |              |              |              |             | i                                                |          |         |           |           |              | ļ                                                |                                                  |
|                  |     |              | <b>-</b> | <b>-</b>     |          |      |                 |                                                  |       | <del> </del> |              |              |             | <del>                                     </del> |          |         |           |           | <del> </del> | <del> </del> -                                   | <del> </del> -                                   |
| 1                |     | l            |          |              |          |      |                 |                                                  |       |              |              |              |             |                                                  |          |         |           |           |              | ļ                                                |                                                  |
|                  |     | l            |          |              |          |      |                 |                                                  |       | <b></b>      | <del> </del> | <del> </del> | <del></del> |                                                  |          |         |           |           | -            | <del> </del>                                     | <del> </del>                                     |
| 1                |     |              | ١.       |              |          |      |                 |                                                  |       | l            |              |              |             |                                                  |          |         |           |           |              |                                                  |                                                  |
|                  |     | <u> </u>     |          |              |          |      | <b>-</b>        |                                                  |       | <b>-</b>     |              |              |             | <b> </b>                                         |          |         |           |           |              |                                                  | <del>                                     </del> |
|                  |     |              |          |              |          |      |                 |                                                  |       |              |              | 1            |             |                                                  |          |         |           |           |              | ļ                                                |                                                  |
| lement (X)       |     | Z X2         |          |              | żχ       |      | X               | ₹,                                               |       | No. Ol       |              |              |             |                                                  | Mean N   | o. of H | ours with | Temperat  | lute         |                                                  |                                                  |
| el. Hum.         |     | 2170         | 8216     |              | 2693     | 30   | 79.5            | 9.1                                              | 77    | 33           | 86           | ⊴ 0          | F :         | 32 F                                             | ≥ 67     |         | 73 F      | ≥ 80 F    | ≥ 93         | F                                                | Total                                            |
| Dry Bulb         |     |              | 1737     |              | 2599     | 53   | 76.7            | 2.78                                             | 30    |              | 88           |              |             |                                                  | 92       |         | 85.9      |           | 0            |                                                  | 9:                                               |
| fet Bulb         |     | 1751         |          |              | 2434     |      | 71.9            | 2,1                                              | 76    |              | 86           |              |             |                                                  | 91       |         | 39,3      |           |              |                                                  | 93                                               |
| Dew Point        |     | 1649         | 8876     | <u> </u>     | 2361     | 54   | <del>69.7</del> | 2,90                                             | 01    | 33           | R6           |              |             |                                                  | 82       | 6       | 13.8      |           |              |                                                  | 93                                               |

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

78.4 35.2

16.7

≥ 80 F

1.7

93 93

93

1

≥ 67 F ≥ 73 F

92.5 90.5 84.4

| 911                               | RA  | NDOL     | PH A         |          | EXAS                                             |     | ANT           | ONIO                                             |                                                  | 38-      | <u>45,4</u>                                      | 7-75    |          | VF       | ĀRS      |          |      |              |            |              | UL_      |
|-----------------------------------|-----|----------|--------------|----------|--------------------------------------------------|-----|---------------|--------------------------------------------------|--------------------------------------------------|----------|--------------------------------------------------|---------|----------|----------|----------|----------|------|--------------|------------|--------------|----------|
| 3171104                           |     |          |              |          | ATION N                                          | ·mE |               |                                                  |                                                  |          |                                                  |         |          |          | A        |          |      | PAGI         | <b>=</b> 1 | 0300         | -050(    |
| Temp.                             |     |          |              |          |                                                  | WET | BULB '        | TEMPER                                           | ATURE                                            | DEPRE    | SSION (                                          | F)      |          |          |          |          |      | TOTAL        |            | TOTAL        |          |
| (F)                               | 0   | 1 - 2    | 3 - 4        | 5 - 6    | 7 - 8                                            |     |               |                                                  |                                                  |          |                                                  |         | 23 - 24  | 25 - 26  | 27 · 28  | 29 - 30  | ≥ 31 | D.B./W.B.    | Dry Bulb   |              | Dew Po   |
| 14/ 83                            |     |          |              |          | •2                                               | .1  | •1            | .0                                               | .0                                               |          |                                                  |         |          |          |          |          |      | 1 18         | 18         |              |          |
| 0/ 79                             |     |          | 1.1          | 1.9      | . 9                                              | • 3 |               | • 6                                              |                                                  |          |                                                  |         |          |          |          |          |      | 146          | 146        |              |          |
| 8/ 77                             |     | 2.0      | 11.6         |          | 1.3                                              |     |               |                                                  | .0                                               |          |                                                  |         |          |          |          |          |      | 660          | 660        |              |          |
| 6/ 75                             |     | 11.8     |              |          |                                                  | .1  |               | i —                                              |                                                  |          |                                                  |         |          |          |          |          |      | 1273         | 1273       |              | 5        |
| 4/ 73                             |     | 10.0     |              |          | • 2                                              | .1  |               |                                                  |                                                  |          |                                                  |         |          |          |          |          |      | 755          | 755        |              |          |
| 2/ 71                             | • 4 |          | 3.7          | • 6      |                                                  | ^   | •0            |                                                  | ļ                                                |          |                                                  |         |          |          |          |          |      | 353          | 353<br>128 |              |          |
| 8/ 67                             | • 2 | 1.8      |              | •2       |                                                  |     | .0            | <u> </u>                                         | <del> </del>                                     |          | ļ                                                |         |          |          |          |          |      | 127          | 33         |              |          |
| 6/ 65                             |     | .2       |              | .0       |                                                  |     |               | 1                                                |                                                  |          | :                                                |         |          |          |          |          |      | 10           | 10         |              | 19       |
| 4/ 63                             |     | •1       | • 1          |          |                                                  |     |               | <u> </u>                                         |                                                  |          |                                                  |         |          |          |          |          |      | 6            | 6          |              | 5        |
| 2/ 61                             |     | • 1      |              |          |                                                  |     |               |                                                  |                                                  |          |                                                  |         |          |          |          |          |      | 3            | 3          | 16           | 1 2      |
| 0/ 59                             |     |          |              |          |                                                  |     |               |                                                  |                                                  |          | Ì                                                |         |          | <br>!    |          |          |      | l 1          |            | 9            | 3        |
| 8/ <b>57</b>                      |     |          | ļ            |          |                                                  |     | <u> </u>      | ļ                                                |                                                  |          | <b> </b>                                         |         |          | ļ        |          |          |      |              |            | ļ            | :        |
| 56/ <b>5</b> 5 <br>54/ <b>5</b> 3 |     |          |              |          |                                                  |     |               |                                                  | 1                                                |          |                                                  |         |          | <br>     |          |          |      | ļ            |            |              |          |
| 2/ 51                             |     |          | <del> </del> | _        |                                                  |     |               |                                                  | <del>                                     </del> | <u> </u> | <del>                                     </del> |         |          |          | <u> </u> |          |      | i            |            | <del></del>  |          |
| TAL                               | 1.4 | 32.2     | 46.6         | 14.7     | 3.6                                              | .7  | .4            | . 1                                              | .2                                               | .0       |                                                  | ļ       |          |          |          |          |      |              | 2386       |              | 338      |
|                                   |     |          |              |          |                                                  |     |               |                                                  |                                                  |          |                                                  |         |          |          |          |          |      | 3385         |            | 3385         |          |
|                                   |     |          | <del> </del> | <u> </u> | <del> </del>                                     |     | i —           | <del> </del>                                     |                                                  |          |                                                  |         |          |          | -        |          |      | <del> </del> |            | <del> </del> |          |
|                                   |     |          |              | 1        |                                                  | 1   |               |                                                  |                                                  |          |                                                  |         |          |          |          |          |      |              |            |              | 1        |
|                                   |     | <u> </u> | <b></b>      |          | <del>                                     </del> |     | <u> </u>      |                                                  |                                                  |          |                                                  | <b></b> |          |          |          |          |      |              |            |              |          |
|                                   |     | <u> </u> | L            |          |                                                  | ļ   |               | <u> </u>                                         | <u> </u>                                         |          | ļ                                                |         | <u> </u> |          |          |          |      | ļ            |            | <u> </u>     |          |
|                                   |     |          |              |          |                                                  | 1   |               |                                                  |                                                  | 1        |                                                  |         |          |          |          | l        | 1    | ]            |            |              |          |
|                                   |     |          | <del> </del> |          | <del> </del>                                     |     | <del></del> - | <del>                                     </del> | <del> </del> -                                   | ļ        |                                                  | ļ       | ļ        | <u> </u> | <u> </u> | <u> </u> |      |              |            |              | <u> </u> |

No. Obs.

3385 3386

3385 3386 ≤0 F

≤ 32 F

24813721 19003624

17354428

16656676

85.3 7.368 74.9 2.504 71.6 2.355 70.1 2.862

ORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Rel. Hum.

Dry Bulb

Wer Bulb

Day Point

#### PSYCHROMETRIC SUMMARY.

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| 12911<br>STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS |     | - | JUL MONTH                     |
|------------------|---------------------------------------------|-------------|-----|---|-------------------------------|
|                  |                                             | р           | AGE | 1 | 0600-0800<br>HOURS (L. S. T.) |

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 0.0 94/ 93 90/ 89 88/ 87 2 2 86/ 85 84/ 83 . 0 .0 49 49 2.5 253 82/81 .0 253 .0 4.110.6 2.313.7 6.9 79 3.2 637 638 • 1 80/ . 1 835 78/ 77 я35 106 757 8.313.0 7.2 5.8 859 574 859 76/ 75 2.6 .0 495 495 1409 73 •3 72/ • 0 186 909 1274 71 3.0 1.8 186 49 357 807 81 70/ 69 1.2 67 . 1 18 18 111 297 68/ 45 107 65 ·**6**6/ • 0 1 2 19 45 .64/ 63 62/ 61 18 60/ 59 .0 58/ 57 4 55 56/ 54/ 53 2 1 42/ 41 1.022.639.624.1 3449 3446 9.6 TOTAL 3447 3447 ZX No. Obs. Element (X) ¥ Mean No. of Hours with Temperature 23729859 284541 82.5 8.375 3447 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Rel. Hum. ≤ 0 F 20280580 264254 76.6 3.144 3449 92.7 84.8 17.5 93 Dry Bulb 93 72.5 2.308 70.8 2.737 18139916 17283245 Wet Bulb 249930 3447 90.9 53.8 243963 3446 87.5 23.3 93 Dew Point

FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### PSYCHROMETRIC SUMMARY

RANDOLPH AFB TEXAS/SAN ANTONIO 12911 JUL SYATION STATION NAME MONTH 0900-1100 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 1-2 3-4 ≥ 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 102/101 3 100/ 99 98/ 97 2 96/ 95 15 15 94/ 93 28 • 1 99 98

92/ 91 .0 .2 5.5 3.7 7.4 3.9 90/ 89 1.3 329 330 •0 88/ 87 589 590 746 86/ 85 6,6 4.0 745 84/ 83 5.310.4 3.6 703 704 82/ 81 2.4 529 529 3.8 2.4 249 80/ 79 3.6 249 78/ 77 84 138 3 84 48 76/ . 8 48 1241 35 74/ 73 30 30 1508 293 463 15 964 71 70/ 69 • 0 1097 28 651 68/ 67 -66/ -65 275 .64/ 63 81 62/ 61 39 60/ 59 13 58/ 57 13 56/ 55 2 54/ 53 2 ·52/ 51 50/ 49 2 3472 TOTAL 8.4 3478 3473 3473 Mean No. of Hours with Temperature Element (X) 61.510.597 3473 13540319 213709 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Ral. Hum. ≤ 0 F ≤ 32 F 93 24931863 294171 84.6 3.820

3478

3473

3472

يا بالوريمان فيهيهو والبالي يطويعها رياح المؤتدمة الانتجام بالمعاه

· 等于一个

73.9 1.741 69.4 2.785

256808

241046

93.0

92.7

81.5

92.5

77.5

8.9

85.8

93

93

PREVIOUS EDITIONS ₹ ಠ 0-26-3 N N N

Dry Bulb

Wet Bulb

Dew Point

10999966

RANDOLPH AFB TEXAS/SAN ANTONIO

12911 STATION

# **PSYCHROMETRIC SUMMARY**

JUL

|                  |       |       |       |          |              |                |               |                |               |                |         |         |         | _           |          |           |           | PAG        | t l         | 1200<br>HOURS ( | -1400       |
|------------------|-------|-------|-------|----------|--------------|----------------|---------------|----------------|---------------|----------------|---------|---------|---------|-------------|----------|-----------|-----------|------------|-------------|-----------------|-------------|
| Temp.            |       |       |       |          |              |                |               | TEMPER         |               |                |         |         |         |             |          |           |           | TOTAL      |             | TOTAL           |             |
| (F)              | 0     | 1 - 2 | 3 • 4 | 5 - 6    | 7 - 8        | 9 - 10         | 11 - 12       | 13 - 14        | 15 - 16       | 17 - 18        | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26     | 27 - 28  | 29 - 30   | ≥ 31      | D.B./W.B.  | Dry Bulb    | Wet Bulb        | Dew Po      |
| 08/107           |       |       |       |          |              |                |               |                |               |                |         |         |         |             | İ        |           | •0        | 1          | 1           | l               | į           |
| 06/105           |       |       |       |          |              |                |               | ļ              |               |                |         |         |         |             |          |           | •1        | 3          | 3           |                 |             |
| 04/103           |       |       |       | 1        | ŀ            |                |               | ļ              |               | l              |         |         |         |             | • 1      | • 1       | •0        |            | -           | 1               |             |
| 02/101           |       |       |       | <b></b>  | ļ            | ļ              |               |                |               |                |         | • 0     |         | • 1         | 0        | .1        | •0        |            | 11          |                 |             |
| 00/ 99           |       |       |       |          |              |                |               | 1              |               | 1              | • 0     | • 1     | . • 3   | • 5         | .3       | • 1       |           | 50         |             |                 |             |
| 98/ 97<br>96/ 95 |       |       |       | <b> </b> | <b> </b>     | ļ              |               | <u> </u>       | <del></del> , | <u></u>        | 200     | 1.2     | 1.5     | .9          | • 2      | .1        |           | 141        | 141         |                 |             |
|                  |       |       |       |          |              | ؍ ا            |               | Ι,             | . • 4         | .9             | 3.9     | 4.4     | 1.9     |             | • 0      |           |           | 400        |             |                 |             |
| 94/ 93           |       |       |       |          |              | •0             |               | 1              | 1.2           | 5.3            | 7.9     | 3.2     | • 9     |             | <u> </u> |           |           | 650        |             |                 |             |
| 90/ 89           |       |       |       | .0       | •0           | .0             | • 1           | 1.1            | 6.9           |                | 3.8     | . 8     | • 2     |             |          |           |           | 791<br>622 | 791         |                 |             |
| 88/ 87           |       |       |       | ••       |              |                |               |                |               |                | - 4     | • 1     |         |             |          |           |           |            | 623         | <del></del>     |             |
| 86/ 85           |       |       |       |          | ١,           | 1.6            | 3.2           |                | 2.1           | • 5            | .0      | •0      |         |             | 1        |           |           | 358        | 360<br>187  |                 |             |
| 84/ 83           |       |       |       |          | 9 1          |                |               |                | .3            |                | • 1     |         |         |             |          |           |           | 187        | <del></del> | ·               | <del></del> |
| 82/ 81           |       |       | .1    | 3        | 7            |                | .7            | 1              |               |                |         |         |         |             |          |           |           | 52         | 52          |                 |             |
| 80/ 79           |       |       | • 5   |          |              |                |               | .0             |               | <del> </del>   |         |         |         |             |          |           |           | 37         | 37          |                 |             |
| 78/ 77           |       | .1    | .5    |          |              | • •            |               | • •            |               |                |         |         |         |             |          |           |           | 37         | 37          |                 |             |
| 76/ 75           |       | •2    | • 3   |          |              | <del> </del> - | <del></del> - | <b> </b>       |               | <del> </del>   |         |         |         |             |          |           |           | 22         | 22          |                 |             |
| 74/ 73           | • 0   |       | .1    | .0       |              |                | İ             | 1              |               |                |         |         |         |             | 1        |           |           | 16         | 16          |                 |             |
| 72/ 71           |       | •2    | • 0   |          | <del> </del> |                |               | <del> </del> - |               | <del> </del> - |         |         |         |             |          |           |           | 8          |             |                 | 3           |
| 70/ 69           |       | .0    | •     |          |              |                |               |                |               |                |         |         |         |             |          |           |           | ĭ          | ĺ           | 106             |             |
| 68/ 67           |       |       |       |          | 1            | <u> </u>       |               | <del></del>    |               | <b></b>        |         |         |         |             |          |           |           |            |             | 11              | 79          |
| 66/ 65           |       |       |       |          |              | i              |               | ļ              | l             |                |         |         |         |             |          |           |           | i          |             | 5               |             |
| 64/ 63           |       |       |       |          | 1            | · · · · · ·    |               |                |               |                |         |         |         |             |          |           |           |            |             | ┌┈╴             | 3           |
| 62/ 61           |       |       |       |          | i            | 1              |               |                |               |                |         |         |         |             |          |           |           |            |             | ļ               | 1           |
| 60/ 59           |       |       |       |          |              |                |               |                |               |                |         |         |         |             |          |           |           |            |             |                 | 1           |
| 58/ 57           |       |       |       |          |              |                |               |                |               | <u> </u>       |         |         |         |             |          |           |           |            |             |                 | · ·         |
| 56/ 55           |       |       |       |          |              |                |               |                |               |                |         |         |         |             |          |           |           |            |             |                 |             |
| 54/ 53           |       |       | Ĺ     |          | 1            |                |               |                |               | ļ              |         |         |         |             |          |           |           |            |             | 1               |             |
| 52/ 51           |       |       |       |          | 1            |                |               |                |               |                |         |         |         |             |          |           |           |            |             |                 |             |
| 50/ 49           | ·     |       |       |          |              |                |               |                |               |                |         |         |         |             |          |           |           |            |             |                 |             |
| DTAL             | • 0   | .8    | 1.2   | 1.3      | 2.1          | 3.3            | 6.8           | 11.2           | 18.6          | 20.4           | 16.4    | 9.9     | 4,8     | 2.1         | •7       | • 3       | •2        | 3478       | 3484        | 3478            | 34          |
|                  |       |       |       |          |              |                |               |                |               |                |         |         |         |             |          |           |           |            |             |                 |             |
| Element (X)      |       | Σχ¹   | ·     | <b> </b> | ZX           |                | X             | <b>₹</b>       | <u>' T</u>    | No. O          | 5.      |         |         | <del></del> | Mean N   | la. of He | ours with | Tempera    | lure        | 4               |             |
| Rel. Hum         |       | 824   | 0747  |          | 1645         | 01             | 47.3          | 11.5           |               | 34             | 78      | = 0 1   | F :     | 32 F        | ≥ 67     | F ≥       | 73 F      | ≥ 80 F     | × 93        | F               | Total       |
| Dry Bulb         |       | 2881  |       |          | 3164         |                |               | 4,4            |               |                | 84      |         |         |             | 93       |           | 92.8      |            |             |                 |             |
| Wet Bulb         | ····· | 1916  |       |          | 2580         | 73             | 74.2          | 1.8            | 86            |                | 78      |         | $\neg$  |             | 92       |           | 78.1      |            |             | <del>*  </del>  |             |
| Dew Point        |       | 1563  |       |          | 2328         |                | 67.0          | 3.6            | 1 8           | 34             |         |         | _       |             | 53       |           | 3.7       |            |             |                 | -           |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC F

## **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | <u>RA</u> | NDOL                                             | PH A  |       | EXAS  |        | ANT      | DNIO     |              | 38-     | 75      |         |         | YE             | ARS    |          |           |         |            |                   | UL<br>VTH  |
|------------------|-----------|--------------------------------------------------|-------|-------|-------|--------|----------|----------|--------------|---------|---------|---------|---------|----------------|--------|----------|-----------|---------|------------|-------------------|------------|
|                  |           |                                                  |       |       |       |        |          |          |              |         |         |         |         |                |        |          |           | PAG     | E 1        | HOURS (           |            |
| Temp.<br>(F)     | 0         | 1-2                                              | 3 • 4 | 5 - 6 | 7.0   |        | BULB 1   |          |              |         |         |         | 20 21   |                |        |          | - 22      | TOTAL   | Dry Bulb   | TOTAL<br>Wet Bulb | -          |
| 06/105           | -         | 1.2                                              | 3.4   | 3 - 6 | / - 8 | 9 - 10 | 11 - 12  | 13 - 14  | 13 - 16      | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26<br>• 0 |        | • 0      |           | A       | LUTY BUILD | Het Dulb          | Dew Poi    |
| 04/103           |           |                                                  |       |       |       |        |          |          |              |         |         |         | • 0     |                |        | .1       | •1        | 23      | 23         |                   |            |
| 02/101           |           | <b>-</b>                                         |       |       |       |        |          |          |              |         |         |         | • 0     | 94             |        | • 3      | • 1       |         |            |                   |            |
| 00/ 99           |           |                                                  |       |       |       |        |          |          | ļ            |         |         | . 1     | 1.5     | 2.1            |        | . 5      | .0        |         |            |                   |            |
| 98/ 97           | -         |                                                  |       |       |       |        | <u> </u> |          |              |         | .4      |         | 5.8     | 3.0            | . 5    | •1       |           | 451     | 454        |                   |            |
| 96/ 95!          |           |                                                  |       |       |       |        | .0       | ]        | 1.1          | ,7      |         | 8.7     | 4.7     | 1.4            | _      | • •      |           | 727     |            |                   |            |
| 94/ 93           |           |                                                  |       |       |       |        |          | .0       |              |         |         |         | . 9     | • 2            | . 1    |          |           | 687     | 687        |                   |            |
| 92/ 91           |           |                                                  |       |       |       |        | .1       | .5       | 3.4          | 4.7     |         |         | .0      |                |        |          |           | 429     | 429        |                   |            |
| 90/ 69           |           |                                                  |       |       | •0    | •0     | • 4      | 2.7      | 3.7          | 1.7     | .4      |         | • 1     |                |        |          |           | 313     | 313        | •                 |            |
| 88/ 87           |           |                                                  |       |       |       | .3     |          |          | 1.0          | . 2     |         |         |         |                |        |          |           | 162     |            |                   |            |
| 86/ 85           |           |                                                  |       |       | • 1   | 1.0    |          |          |              | .1      | •0      |         |         |                |        |          |           | 113     | 113        |                   |            |
| 84/ 83           |           |                                                  | •0    | .1    | • 5   | .9     | .4       |          |              |         |         |         |         |                |        |          |           | 80      |            | 1                 |            |
| 82/ 81           |           |                                                  | _     | • 4   | •6    | • 6    | • 1      | •0       |              |         |         |         |         |                |        |          |           | 61      |            | 2                 |            |
| 80/ 79           |           | , Ç                                              | • 2   | • 5   | • 5   | • 1    |          |          |              |         |         |         |         |                |        |          |           | 48      |            | 15                |            |
| 78/ 77           |           | • 1                                              | • 4   |       | • 2   |        |          |          |              |         |         |         |         |                |        |          |           | 36      | 1          |                   | ]          |
| 76/ 75           |           | • 2                                              | • 5   | • 1   | • 1   |        |          |          |              | ļ       |         |         |         |                |        |          |           | 31      |            | 1114              | 15         |
| 74/ 73<br>72/ 71 | • 1       | .5                                               | • 3   | • 0   |       |        |          |          | }            |         |         |         |         |                | ļ      |          |           | 31      | 31         | 1336              | 104        |
| 70/ 69           |           |                                                  |       |       |       |        |          | ļ        | ļ            |         |         |         |         |                |        |          |           | 14      |            | 634               | 280        |
| 68/ 67           | •0        |                                                  |       |       |       |        | !        |          | Į            | 1       |         |         |         |                |        |          |           | 2       | 1 1        | 118               | 461        |
| 66/ 65           |           | •0                                               |       |       |       |        |          |          | <b> </b> -   |         |         |         |         |                |        |          |           | 1       | 1          | 20                |            |
| 64/ 63           |           |                                                  |       |       |       |        |          |          |              |         |         |         |         |                |        | į        |           |         |            | و                 | 662<br>579 |
| 62/ 61           |           | <del> </del>                                     |       |       | -     |        |          |          | <del> </del> |         |         |         |         |                |        |          |           |         |            |                   | 371        |
| 60/ 59           |           |                                                  |       |       |       |        |          |          |              |         |         |         |         |                |        |          |           |         |            |                   | 230        |
| 58/ 57           |           | <del>                                     </del> |       |       |       |        |          |          | <del> </del> |         |         |         |         |                |        |          |           |         |            |                   | 105        |
| 56/ 55           |           |                                                  |       |       |       |        |          | 1        |              |         |         |         |         |                |        |          |           |         |            |                   | 41         |
| 54/ 53           |           |                                                  |       |       |       |        |          |          |              |         |         |         |         |                |        |          |           |         |            |                   | 15         |
| 52/ 51           |           |                                                  |       |       |       |        |          |          |              |         |         |         |         |                |        |          |           |         |            |                   | 11         |
| 50/ 49           |           |                                                  |       |       |       |        |          |          |              |         |         |         |         |                |        |          |           |         | l          |                   |            |
| 48/ 47           |           |                                                  |       |       |       |        |          |          |              |         |         |         |         |                |        |          |           |         |            |                   | 3          |
| DTAL             | • 2       | 1.2                                              | 1.4   | 1.6   | 2.1   | 3.0    | 3.6      | 5.8      | 9.6          | 12.0    | 17.4    | 17.0    | 13.1    | 7,2            | 3.3    | 1.1      | • 5       |         | 3484       |                   | 3484       |
|                  |           |                                                  |       |       |       |        |          |          | <u> </u>     |         |         |         |         |                |        |          |           | 3481    |            | 3482              |            |
|                  |           |                                                  |       |       |       |        |          | l<br>L   | <u> </u>     |         |         |         |         |                |        |          |           |         |            |                   |            |
| Element (X)      |           | Σχ'n                                             |       |       | Σχ    |        | X        | <b>₹</b> |              | No. Ob  |         |         |         |                | Mean N | o. of He | ours with | Tempera | ture       |                   | -          |
| Rel. Hum.        |           | 716                                              | 5672  |       | 1505  |        | 43,2     |          |              | 34      |         | ± 0 1   | F       | 32 F           | ≥ 67   |          | 73 F      | ≥ 80 F  | z 93 l     |                   | lotal .    |
| Dry Bulb         |           | 3000                                             |       |       | 3227  |        | 92,6     | 5.5      | 25           | 34      |         |         |         |                | 93     | • 0      | 92.5      | 89.     | 4 57       | . 7               | 93         |
| Wet Bulb         |           | 1903                                             |       |       | 2573  |        | 73.9     |          |              | 34      |         |         |         |                | 92     |          | 72.3      | •       | 1          |                   | 93         |
| Dew Point        |           | 1501                                             | 1267  | L     | 2282  | 25     | 65,5     | 4.1      | 86           | 34      | 84      |         |         |                | 39     | . 1      | 3.3       |         |            |                   | 93         |

FORM 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC FORM

## PSYCHROMETRIC SUMMARY

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 38-45,47+75

STATION STATION NAME

PAGE 1 1800-2000
Ho'RS (L. S. T.)

| Temp.       |     |              |       |       |                |        |         |         |                                                  | DEPRE   |         |          |          |          |          |          |             | TOTAL      |            | TOTAL    |           |
|-------------|-----|--------------|-------|-------|----------------|--------|---------|---------|--------------------------------------------------|---------|---------|----------|----------|----------|----------|----------|-------------|------------|------------|----------|-----------|
| (F)         | 0   | 1 - 2        | 3 - 4 | 5 - 6 | 7 - 8          | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16                                          | 17 - 18 | 19 - 20 | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28  | 29 - 30  | <b>* 31</b> | D.6./W.B.  | Dry Bulb   | Wet Bulb | Dew Point |
| 104/103     |     |              |       |       |                |        |         |         |                                                  |         |         |          |          | •0       | • 1      | •1       | • 1         | 3          | 3          |          |           |
| 100/ 99     |     |              |       |       |                |        |         |         |                                                  |         |         | i -      | •1       | ,4       | - 3      | •1       | •1          | 33         | 33         |          |           |
| 98/ 97      |     |              |       |       |                |        |         |         |                                                  | .0      | .1      | .3       |          | 1.4      | •3<br>•2 | .1       | .0          |            | 116        |          |           |
| 96/ 95      |     |              |       |       |                |        |         |         |                                                  | . 1     | 1.0     |          |          | .6       | • 1      |          |             | 220        | 220        |          |           |
| 94/ 93      |     |              |       |       |                |        |         |         | .4                                               | 1.7     | 3.5     | 2.9      | •7       | . 2      |          |          |             | 318        | 318        |          |           |
| 92/ 91      |     |              |       |       |                |        | •0      | .4      | 2.3                                              | 4.4     | 3.5     | 1.2      | • 2      | .1       |          |          |             | 408        | 408        |          |           |
| 90/ 89      |     |              |       |       | • 0            |        | • 4     | 3,1     | 5.1                                              | 4.2     | 1.3     |          | -1       |          |          |          |             | 486        | 487        |          |           |
| 88/ 87      |     |              |       |       |                | • 4    |         | 5.2     | 4.3                                              |         | • 2     |          |          | ŀi       |          |          | ĺi          | 485        | 485        |          |           |
| 86/ 85      |     |              |       |       | . 4            |        | 5.2     | 3.0     | 1.0                                              |         | .0      |          |          |          |          |          | <u> </u>    | 434        | 435        |          |           |
| 84/ 83      |     |              | ,     | • 0   |                |        |         | •9      | •3                                               | • 1     | .1      | ]        |          | l i      |          |          |             | 293        | 294        |          |           |
| 82/ 81      |     |              | •1    | 1.4   | 2.1            | 1.7    | • 6     |         | <del> </del>                                     |         |         |          |          |          |          |          |             | 186        | 186<br>128 | 5        |           |
| 78/ 77      |     | . 1          | 1.0   |       | 1.4            | • 7    | •0      | •0      |                                                  |         |         |          |          |          |          |          |             | 128<br>103 | 103        | 131      | 4         |
| 76/ 75      |     | •7           | 1.0   | • 5   | , 1            | • 1    |         |         |                                                  |         |         |          |          |          |          |          |             | 80         | 80         | 826      | 17        |
| 74/ 73      | . 1 | . 8          |       | . 2   | •0             |        |         |         |                                                  |         |         | <u> </u> |          |          |          |          |             | 52         | 52         | 1247     | 163       |
| 72/ 71      | . 1 | • 3          |       |       |                |        |         |         |                                                  |         |         |          |          |          |          |          |             | 17         | 17         | 852      | 420       |
| 70/ 69      |     | -1           | • 0   |       |                |        |         |         |                                                  |         |         |          | <u> </u> |          |          |          |             | 4          | 4          | 244      | 655       |
| 68/ 67      |     | • 1          | •0    |       |                |        |         |         |                                                  |         |         | 1        |          |          |          |          |             | 4          | 4          | 54       |           |
| 66/ 65      |     |              |       |       |                |        |         |         | <del> </del>                                     |         |         |          |          | <u> </u> |          |          |             |            |            | 16<br>3  |           |
| 62/ 61      |     |              |       |       |                |        |         |         |                                                  |         |         |          |          |          |          |          | İ           |            |            | 9        | 275       |
| 60/ 59      |     |              |       |       |                |        |         |         | <del>                                     </del> |         |         |          |          |          |          |          |             |            |            |          | 161       |
| 58/ 57      |     |              |       | · '   | Ì              |        |         |         |                                                  |         |         |          |          |          |          |          | ļ           |            |            |          | 65        |
| 56/ 55      |     |              |       |       |                | -      |         |         |                                                  |         |         |          |          |          |          |          |             |            |            |          | 32        |
| 54/ 53      |     |              |       |       |                |        |         |         | İ                                                |         |         |          |          | l        |          |          |             |            |            |          | 13        |
| 52/ 51      |     |              |       |       |                |        |         |         |                                                  |         |         |          |          |          |          |          |             |            |            |          | 10        |
| 48/ 47      |     |              |       |       |                |        |         |         |                                                  | <u></u> |         |          |          |          |          |          |             |            |            |          | 1         |
| 46/ 45      | 1   | , ,          | ١,,   | ١, ,  |                |        | , , ,   |         |                                                  |         | ١, ,    |          | ١, ,     | ا ۾ ا    |          | ١,       | ١,          |            | 2202       |          | 2 2       |
| TOTAL       | • 1 | 200          | 201   | 207   | 3.4            | 0.1    | 12.0    | 1607    | 1304                                             | 1107    | 9.1     | 7.0      | 4.0      | 2.8      | 6        | • 4      | •1          | 3379       | 3382       | 3379     | 3379      |
|             |     |              |       |       |                |        |         |         |                                                  |         |         | <u> </u> |          |          |          |          |             | 2217       |            | 2217     |           |
|             |     |              |       |       |                |        |         |         |                                                  |         |         |          |          |          |          |          |             |            |            |          |           |
| Element (X) |     | Z X 2        |       |       | z <sub>X</sub> |        | X       | ₹.      |                                                  | No. G.  |         |          |          |          | Mean P   | io. cf H | ours witi   | Temperat   | lure       |          |           |
| Rei. Hum.   |     |              | 4440  |       | 1761           |        | 52.1    | 14.9    | 12                                               | 33      | 79      | ⊴ 0      | F        | ≤ 32 F   | ≥ 67     |          | 73 F        | ≥ 80 F     | ≥ 93 F     |          | Total     |
| Dry Bulb    |     | 2613         |       |       | 2966           | 64     | 87.7    | 5.7     | 58                                               | 33      | 82      |          |          |          | 93       |          | 92.3        | 84.        | 5 19       | . 2      | 93        |
| Wet Bulb    |     | 1812         |       |       | 2473           |        | 73.2    |         |                                                  | 33      |         |          |          |          | 92       |          | 40.8        |            | 0          |          | 93        |
| Dew Point   |     | <u> 1508</u> | 3477  |       | 2253           | 13     | 66,7    | 4.1     | 98                                               | 33      | 79      |          |          |          | 52       | •9       | 5.1         |            |            |          | 93        |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS F. RM ARE OBSOLETE

C

USAFETAC

# **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA  | NDOL  | PH A       |       | EXAS                                             |        | ANT     | ONIU       |                                                  | 38-                                              | 45,4      | 7-75    |             |              | ARS     |          |                                                  |            | <del></del> | JI       | <u>JL</u> |
|------------------|-----|-------|------------|-------|--------------------------------------------------|--------|---------|------------|--------------------------------------------------|--------------------------------------------------|-----------|---------|-------------|--------------|---------|----------|--------------------------------------------------|------------|-------------|----------|-----------|
| STATION          |     |       |            | 31    | ATION N                                          | AME.   |         |            |                                                  |                                                  |           |         |             | 11.          | AKS     |          |                                                  | PAG        | E 1         | 2100     | -2300     |
| Temp.            |     |       |            |       |                                                  | WET    | BULB T  | EMPER      | ATURE                                            | DEFRE                                            | SSION (   | F)      |             |              |         |          |                                                  | TOTAL      |             | TOTAL    |           |
| (F)              | 0   | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8                                            | 9 - 10 | 11 - 12 | 13 - 14    | 15 - 16                                          | 17 - 18                                          | 19 - 20   | 21 - 22 | 23 - 24     | 25 - 26      | 27 - 28 | 29 - 30  | ≥ 31                                             | D.B. W.B.  | Dry Bulb    | Wet Bulb | Dew Point |
| 96/ 95           |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             | .0           |         |          |                                                  | 1          | 1           |          |           |
| 94/ 93           |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           | • 0     | • 1         | . 1          |         |          |                                                  | 5          | 5           |          |           |
| 92/ 91           | Ì   |       |            |       |                                                  |        |         |            | . 1                                              | • 1                                              | . 1       | • 1     |             |              |         |          |                                                  | 11         | 11          |          |           |
| 90/89            |     |       |            |       |                                                  |        | • 1     | • 1        | ,4                                               | . 3                                              | .3        | •0      | <del></del> |              |         |          |                                                  | 41         | 41          |          |           |
| 88/ 87           |     |       |            |       |                                                  | •0     | • 7     | 1.3        | 1.3                                              | • 6                                              | • 1       | • 0     |             |              |         |          |                                                  | 141        | 141         | ļ        |           |
| 86/ 85           |     |       |            |       | 0.1                                              | 1.8    | 3.5     | 3.4        | 1.1                                              | .2                                               | • 1       |         |             |              |         |          |                                                  | 345        | 345         |          |           |
| 84/ 83           |     | ^     | ١,         | 3 9   | 2.3                                              | 6.4    | 5.8     | 1.4        | • 3                                              | • 1                                              |           |         |             |              |         |          |                                                  | 555        | 356         |          |           |
| 82/ 81           |     | .0    | 1 4        | 2.3   | 8.5                                              | 7.8    | -       | .5         |                                                  | •0                                               |           |         |             |              |         |          |                                                  | 742<br>695 | 743<br>696  |          |           |
| 80/ 79<br>78/ 77 |     | - 4   | 1.4<br>3.0 |       |                                                  | 2.3    | . 2     | .1         | .0                                               |                                                  |           |         |             |              |         |          |                                                  | 381        | 381         | 2<br>27  | 2         |
| 76/ 75           |     | 1.2   |            |       |                                                  | •1     |         | 1          | • 1                                              |                                                  |           |         |             |              |         |          |                                                  | 230        | 230         | 489      | 23        |
| 74/ 73           | 1   |       |            |       | .2                                               |        |         | • •        |                                                  |                                                  |           |         |             |              |         |          |                                                  | 134        | 134         |          | 286       |
| 72/ 71           | -:1 | 1.3   |            |       |                                                  | •1     | - • •   |            |                                                  |                                                  |           |         |             |              |         |          |                                                  | 75         | 75          |          | 735       |
| 70/ 69           | . 1 | . 5   | .1         | •0    |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          |                                                  | 23         | 23          | 453      | 913       |
| 68/ 67           |     | •1    | •0         |       |                                                  |        |         |            |                                                  |                                                  |           |         |             | <del> </del> |         |          |                                                  | 5          | 5           | 71       | 734       |
| 66/ 65           |     |       |            | ·     |                                                  |        |         |            |                                                  |                                                  |           |         |             | 1            | i       |          | l                                                |            |             | 28       | 383       |
| .64/ 63          |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          |                                                  | i1         |             | 13       | 165       |
| 62/ 61           |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          | İ                                                | l. J       |             | 3        | 66        |
| 60/ 59           |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          |                                                  |            |             |          | 47        |
| 58/ 57           |     |       |            |       | L                                                |        |         |            |                                                  |                                                  |           |         |             |              |         |          |                                                  |            |             |          | 12        |
| -56/ 55          |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             | 1            |         |          |                                                  |            | i l         |          | 8         |
| 54/ 53           |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          |                                                  |            | <b></b>     |          | 9         |
| 52/ 51           |     | , ,   |            |       |                                                  |        |         |            | ١,,                                              | . ,                                              | _         |         |             | ١.           |         |          |                                                  |            |             |          | 2205      |
| TOTAL            | - 9 | 4.9   | 9.2        | 18.4  | 51.9                                             | 19.1   | 13.6    | 7.1        | 3.4                                              | 1.4                                              | 5         | • 2     | •1          | • 1          |         |          |                                                  | 2004       | 3387        | 2205     | 3385      |
|                  |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          | }                                                | 3384       | j l         | 3385     |           |
|                  |     |       |            |       |                                                  |        |         |            | ļ                                                |                                                  |           |         |             | <del> </del> |         |          | <del>                                     </del> |            |             |          |           |
|                  |     |       |            | ļ     |                                                  |        |         |            | ļ                                                |                                                  |           |         |             | ļ            |         |          |                                                  |            |             |          |           |
|                  |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          |                                                  |            |             |          |           |
|                  |     |       |            | l     | <del>                                     </del> |        |         |            |                                                  | <del>                                     </del> |           |         |             |              |         |          |                                                  |            |             |          |           |
|                  |     |       |            |       | <u> </u>                                         |        |         |            |                                                  | <u> </u>                                         |           |         |             | <u> </u>     |         |          |                                                  |            |             |          |           |
|                  |     |       |            |       |                                                  |        |         |            |                                                  |                                                  |           |         |             |              |         |          |                                                  |            |             |          |           |
| Element (X)      |     | ZX2   | L          |       | žχ                                               | Щ.     | ¥       | <b>"</b> x | <del>'                                    </del> | No. Ob                                           | <b>s.</b> |         | <u> </u>    | <u> </u>     | Meon I  | lo. of H | ours with                                        | Temperat   | lure        |          |           |
| Rel. Hum.        |     | 1616  | 3785       |       | 2302                                             | 79     | 68.0    |            | 77                                               | 33                                               |           | ⊴ 0 !   | F I         | ± 32 F       | ≥ 67    |          | 73 F                                             | ≥ 80 F     | ≠ 93 F      |          | rotal .   |
| Dry Bulb         |     | 2214  |            |       | 2735                                             |        | 80.8    |            |                                                  | 33                                               |           |         | _           |              | 93      |          | 90.2                                             |            |             | . 2      | 93        |
| Wet Bulb         |     | 1777  |            |       | 2451                                             |        | 72.4    |            |                                                  | 33                                               |           |         |             |              |         |          | 48,6                                             |            | 1           |          | 93        |
| Dew Point        |     | 1603  |            |       | 2327                                             |        | 68.7    |            |                                                  | 33                                               |           |         |             |              | 74      | • 0      | 8.6                                              |            | 1           |          | 93        |

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Fork Year

USAFETAC

Dew Point

### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA   | NDOL  | PH A                                             | FB T       | EXAS    | /SAN     | ANT     | DIND       |            | <u> 38-</u>                                      | 45,4    | 7-70         | .72 ر        | -75          | ARS          |                                                  |                |                                                  |          | МО               | UG<br>NTH          |
|------------------|------|-------|--------------------------------------------------|------------|---------|----------|---------|------------|------------|--------------------------------------------------|---------|--------------|--------------|--------------|--------------|--------------------------------------------------|----------------|--------------------------------------------------|----------|------------------|--------------------|
|                  |      |       |                                                  |            |         |          | _       |            |            |                                                  |         |              |              |              |              |                                                  |                | PAGE                                             | 1        | HOURS (          | -0200<br>L. s. t.) |
| Temp.            |      |       |                                                  |            |         | WET      | BULB T  | EMPER.     | ATURE      | DEPRE                                            | SSION ( | F)           |              |              |              |                                                  |                | TOTAL                                            |          | TOTAL            |                    |
| (F)              | 0    | 1 - 2 | 3 - 4                                            | 5 - 6      | 7 - 8   | 9 - 10   | 11 - 12 | 13 - 14    | 15 - 16    | 17 - 18                                          | 19 - 20 | 21 - 22      | 23 - 2       | 4 25 - 26    | 27 - 28      | 29 - 30                                          | ≥ 31           | D.B./W.B.                                        | Dry Bulb | Wet Bulb         | Dew Poir           |
| 90/ 89           |      |       |                                                  |            |         |          |         | . 0        | .0         | i –                                              |         |              |              |              |              |                                                  |                | 2                                                | 2        |                  |                    |
| 88/ 87           |      |       |                                                  |            |         |          | i       |            |            |                                                  | .1      |              |              |              |              |                                                  | <u> </u>       | 2                                                | 2        |                  |                    |
| 86/ 85           |      |       |                                                  |            |         | • 1      | • 1     | • 1        | . 1        | • 0                                              |         | •0           |              |              |              |                                                  |                | 13                                               | 13       |                  |                    |
| 84/ 83           |      |       |                                                  |            | . 3     | • 5      | .5      | . 2        | . 2        | .1                                               |         | • 1          |              |              |              |                                                  |                | 62                                               | 62       |                  | <u> </u>           |
| 82/ 81           |      | • 0   | • 1                                              | 1.0        |         | 1.9      | 1.2     | • 4        | . 2        | .0                                               |         |              |              |              |              |                                                  |                | 232                                              | 232      |                  | ĺ                  |
| 80/ 79           |      | • 3   | 4.1                                              | 8.7        | 5.0     | 2.9      | • 9     | . 2        | <u>. 1</u> | .0                                               |         |              |              |              |              |                                                  |                | 736                                              | 736      |                  | 1                  |
| 78/ 77           | • 1  |       | 10.1                                             | 8.0        |         | 1.2      | • 3     | • 0        |            | 1                                                |         |              |              |              |              |                                                  |                | 902                                              | 903      |                  |                    |
| 76/ 75           | 2    | 5.8   |                                                  |            | 1.3     | • 3      | -1      | •0         |            |                                                  |         | L            |              |              | ļ            |                                                  | <del> </del>   | 669                                              | 672      | 412              | 100                |
| 74/ 73           | • 2  | 3.6   | 4.3                                              | 1.6        | •7      | • 2      | • 1     |            |            |                                                  |         |              |              |              |              |                                                  |                | 351                                              | 352      |                  |                    |
| 72/ 71           | _ ,3 |       | 2.4                                              | • 5        | • 1     | •0       | • 0     | i          | • 0        |                                                  |         |              |              |              | <u> </u>     |                                                  | <u> </u>       | 221                                              | 223      | 868              | 819                |
| 70/ 69           |      | 1.2   |                                                  | • 3        | • 1     | • 0      |         |            |            |                                                  |         |              |              |              |              |                                                  |                | 77                                               | 77       | 587              |                    |
| 68/ 67           |      | • 2   | .4                                               | • 2<br>• 2 | • 2     |          | • 0     | <u>• 0</u> |            | ļ                                                |         | <u> </u>     |              |              | ļ            | ļ                                                | <u> </u>       | 36                                               | 36       |                  | 450                |
| 66/ 65           |      | •1    | • 2                                              | • 2        | • 1     | i i      |         |            |            |                                                  |         | 1            | ļ            |              | l            |                                                  |                | 15                                               | 15       |                  |                    |
| 64/ 63           |      |       | • 1                                              | •0         |         |          |         |            |            | ļ                                                |         | <del> </del> | <u> </u>     |              | <u> </u>     | <b> </b> -                                       | <del> </del>   | 3                                                | 3        |                  | 135                |
| 62/ 61           |      |       | •0                                               |            |         |          | l       |            |            |                                                  |         |              |              |              | i            |                                                  | 1              | 1                                                | 1        | 15               |                    |
| 60/ 59           |      |       | <u> </u>                                         |            |         |          |         |            |            | <b> </b>                                         |         |              |              | -            | <u> </u>     |                                                  | ┧───           | <del>  </del>                                    |          | 16               | 38<br>20           |
| 58/ 57           |      |       |                                                  |            |         |          |         |            |            | İ                                                |         | 1            | İ            |              |              |                                                  | ]              |                                                  |          | 3                |                    |
| 56/ 55<br>54/ 53 |      |       |                                                  |            |         |          |         |            |            | <del> </del>                                     |         |              | <del> </del> | -            | <del> </del> |                                                  | <del> </del> - | <del>  </del>                                    |          | 2                | 16                 |
| 52/ 51           |      |       |                                                  |            |         |          | 1       |            |            | <b>{</b>                                         |         | ŀ            |              | 1            |              | ĺ                                                | 1              |                                                  |          |                  | 1                  |
| 50/ 49           |      |       |                                                  |            |         |          |         |            |            | <b>-</b>                                         |         |              | ├─           | -            | <del> </del> |                                                  | ┧──            | <del>                                     </del> |          |                  | 3                  |
| 46/ 45           |      |       |                                                  |            |         |          |         |            |            |                                                  |         |              |              | 1            | 1            |                                                  |                | li                                               |          | !                | 3                  |
| TOTAL            | - 6  | 17.4  | 31.4                                             | 23.9       | 14.3    | 7.1      | 3.2     | 1.0        | .6         | .2                                               | .1      | •1           | <del></del>  | ┿──          |              |                                                  | <del> </del>   | <del>  </del>                                    | 3329     |                  | 3322               |
|                  | •    | ,     |                                                  |            | . , , , | וֹ יֹ יֹ | 7.2     | •••        | , ,        | '-                                               | ••      | • •          |              |              | 1            | 1                                                | 1              | 3322                                             | 2227     | 3322             |                    |
|                  |      |       |                                                  |            |         |          |         |            |            | <b>-</b>                                         |         |              | <b></b>      | +            |              | -                                                | 1              | 3222                                             |          | 2266             |                    |
|                  |      |       |                                                  |            |         |          |         |            |            |                                                  |         |              |              | ļ _          |              |                                                  |                | [ ]                                              |          |                  | ĺ                  |
|                  |      |       |                                                  |            |         |          |         |            |            |                                                  |         |              |              |              |              |                                                  | T              |                                                  |          |                  |                    |
|                  |      |       |                                                  |            |         |          |         |            |            | <u> </u>                                         |         | ļ            | <b> </b>     | -            |              |                                                  | <u> </u>       | <b>  </b>                                        |          |                  |                    |
|                  |      |       |                                                  |            |         |          |         |            |            |                                                  |         |              |              |              |              | 1                                                |                |                                                  |          |                  |                    |
|                  |      |       | <del>                                     </del> |            |         |          |         |            | -          | <del>                                     </del> |         |              |              | 1            | <del> </del> | <del>                                     </del> | 1              |                                                  |          |                  |                    |
|                  |      | ļ     |                                                  |            |         |          |         |            |            |                                                  |         |              |              | <del> </del> | ļ            |                                                  | ļ              |                                                  |          |                  |                    |
| ļ                |      |       |                                                  |            |         |          |         |            |            |                                                  |         |              |              |              |              |                                                  |                |                                                  |          | }                | ĺ                  |
| Element (X)      |      | Σχ²   | <u> </u>                                         |            | Z X     | <u> </u> | X       | <b>₹</b>   | <u> </u>   | No. Ol                                           | ·s.     |              | <u> </u>     |              | Mean I       | No. of I                                         | lours wit      | h Temperati                                      | 110      | L                | L                  |
| Rel. Hum.        |      |       | 0798                                             |            | 2618    | 28       | 78,8    | 10.8       | 99         | 33                                               | 22_     | ± 0          | F            | ± 32 F       | ≥ 67         | F                                                | ≥ 73 F         | ≥ 80 F                                           | = 93 1   | F                | Total              |
| Dry Bulb         |      | 1967  | 0550                                             |            | 2556    | 64       | 76.8    | 3,2        | 80         | 33                                               | 29      |              |              |              | 92           |                                                  | 83.1           | 17.8                                             | 3        |                  | 93                 |
| Wet Bulb         |      | 1711  | 6713                                             |            | 2382    |          |         | 2.8        |            |                                                  | 22      |              |              |              | 88           | .4                                               | 42.3           |                                                  |          | $\neg \neg \neg$ | 93                 |

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69.7 3.928

#### PSYCHROMETRIC SUMMARY

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STATION NAME 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL (F) 1-2 3-4 5 - 6 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 -26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 7 - 8 86/ 85 84/ 83 82/ 81 80/ 79 10 10 • 0 207 207 77 5.410.4 4.7 5.3 784 78/ 784 18 • 0 76/ 75 2.0 1028 1030 388 141 8.3 4.8 949 657 74/ 73 2.4 638 640 796 72/ 71 3.6 345 343 856 639 3.1 169 589 70/ 69 .0 167 297 492 68/ 67 63 62 106 279 66/ 65 44 44 64/ 63 22 22 56 134 5 44 59 62/ 61 • 0 53 60/ 59 58/ 57 23 56/ 55 54/ 53 13 52/ 51 50/ 49 1 46/ 45 TOTAL 3322 1.535.437.416.0 6.3 2.1 3330 .0 • 0 3323 3323 Z X 1 No. Obs. Nean No. of Hours with Temperature 84.6 9.059 24059266 281104 248931 3322 ≥ 67 F ≥ 73 F > 80 F Rel. Hum. 20F 74.8 3.138 71.3 3.192 93 74.8 18641381 3330 90.9 Wet Bulb 16906428 236786 86.4 37.9 93 3323 Dew Point

RANDOLPH AFB TEXAS/SAN ANTONIO 38-45,47-70,72-75

ö EDITIONS PREVIOUS 7 ಠ 0.26-3

RANDOLPH AFB TEXAS/SAN ANTONIO

### **PSYCHROMETRIC SUMMARY**

0600-0800 HOURS (L. S T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 | 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 98/ 97 ,0 90/ 89 88/ 87 . 0 .0 .0 .0 86/ 85 49 84/ 83 .0 49 82/ 81 2.2 210 210 80/ 79 5.7 7.4 2.7 582 583 4.8 78/ 77 5.011.3 794 794 9.9 75 763 205 761 8.0 3.2 761 691 74/ 73 4.6 494 856 493 1082 72/ 4.3 279 71 2.4 279 750 919 70/ 69 113 114 423 601 68/ 67 .6 48 49 219 355 66/ 65 77 199 26 64/ 63 11 53 110 . 1 • 1 26 57 62/ 61 60/ 59 13 33 58/ 57 27 36/ 55 12 54/ 53 52/ 51 48/ 47 2 46/ 45 3391 TOTAL 1.429.034.321.7 8.6 3.1 3398 3392 3392 Element (X) Mean No. of Hours with Temperature 281504 258580 83.0 9.523 76.1 3.586 Rel. Hum. 23669718 19721020 3392 ≥ 67 F ≥ 73 F × 80 F ≥ 93 F ± 32 F ≤ 0 F 93 Dry Bulb 3398 91.7 79.6 15.1 72.1 3,108 3392 88.1 80.7 93 17666881 244571 49.9 Wet Bulb Dew Point 16839515 238625 3391 29.3 93

A A CONTRACTOR OF A STANFALLE

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38-70,72-75

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO

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PAGE 1

0900-1100 HOURS (L. S. T.)

| Temp.                |     |                 |         | ·        |         | WET  | BULB 1   | EMPER | ATURE    | DEPRE    | SSION ( | F)    |         |         |          |          |          | TOTAL     | 1           | TOTAL    | ·        |
|----------------------|-----|-----------------|---------|----------|---------|------|----------|-------|----------|----------|---------|-------|---------|---------|----------|----------|----------|-----------|-------------|----------|----------|
| (F)                  | 0   | 1 - 2           | 3 - 4   | 5 - 6    | 7 - 8   |      |          |       |          |          |         |       | 23 - 24 | 25 - 26 | 27 - 28  | 29 - 3   | 30 ≥ 31  | D.B./W.B. | Dry Bulb    | Wet Bulb | Dew Poin |
| 100/ 99              |     | i               |         |          |         |      | i        |       |          |          |         |       |         |         | •(       |          |          | 1         | 1           |          | i        |
| 98/ 97               |     | į į             |         |          |         |      |          |       |          |          |         | į     | .0      | . 1     | j        |          | 1        | 3         | 3           | 1        | ļ        |
| 96/ 95               |     |                 |         |          |         |      |          |       |          | .0       | .0      | • 2   | • 1     | •1      |          | 1        |          | 15        | 15          | !<br>!   | i        |
| 94/ 93               |     |                 |         |          |         |      |          | • 0   | .0       | . 3      |         | . 2   | . 1     | ,0      |          | ļ        | 1        | 37        |             |          | ļ        |
| 92/ 91               |     |                 |         |          |         |      | • 2      | • 4   | 1.7      | 1.3      |         | • 3   | . 1     |         | 1        | 1        |          | 157       | 157         | i        | i        |
| 90/ 89               |     | 1               |         |          | .0      | • 2  | .7       | 4.0   |          |          |         | • 0   | .0      |         |          |          | - {      | 391       | 391         | ļ        | ļ        |
| 88/ 87               |     |                 |         | •0       | • 1     | 1.1  |          | 6.2   |          | .6       |         | •0    |         |         |          |          |          | 567       | 567         |          |          |
| 86/ 85               |     |                 | l       | •0       | .8      |      |          |       |          |          |         | - 1   | • 0     |         |          | 1        |          | 637       | 637         | <b>!</b> | •        |
| 84/ 83               |     | 1               |         | . 5      |         |      |          |       | ,3       |          |         |       |         |         |          | 1        | 1        | 628       | 629         |          |          |
| 82/ 81               |     | .0              | •4      | 2.8      |         |      |          |       |          |          | . 1     |       |         |         |          | 1        |          | 490       | 490         | 3        | ļ        |
| 80/ 79               | .1  | .1              | 1.0     |          |         |      |          | • 2   |          | •0       |         |       |         |         |          | 1        |          | 238       | 239         | 27       |          |
| 78/ 77               | •   | . 2             |         |          | .4      | . 2  | .1       | . 1   |          |          |         |       |         |         | ļ        | 1        | 1        | 118       |             |          |          |
| 76/ 75               |     | .6              |         |          |         |      |          |       |          |          |         |       |         |         |          |          | 1        | 65        | <del></del> |          | 8        |
| 74/ 73               | 0   | .8              |         |          |         |      | .0       |       |          |          |         |       |         |         |          |          | 1        | 47        | 49          | 1181     | 387      |
| 72/ 71               | , 3 | .3              | • 1     |          |         |      |          |       |          |          |         |       |         |         |          | T        | <u> </u> | 22        | 22          | 484      | 909      |
| 70/ 69               |     | .1              |         | •0       |         |      |          |       | İ        |          |         | 1     |         |         | Ì        |          | ļ        | 5         | 5           | 151      | 901      |
| 68/ 67               |     | 1               |         |          |         |      |          |       |          |          |         |       |         |         |          |          | 1        | <u> </u>  |             | 55       |          |
| 66/ 65               |     |                 | .0      |          |         |      | İ        |       | ]        | [        |         | - 1   |         |         |          |          | -        | 1         | l           | 21       |          |
| 64/ 63               |     |                 | • 1     |          |         |      |          |       |          |          |         |       |         |         |          |          |          | 2         | 2           | 6        | ,        |
| 62/ 61               |     | l               |         |          |         |      |          |       |          |          |         |       |         |         |          | 1        |          |           |             | 5        |          |
| 60/ 59               |     |                 |         |          |         |      |          |       |          |          | –       |       |         |         |          |          |          |           | <u> </u>    | 1        | 50       |
| 58/ 57               |     |                 |         |          |         |      | 1        |       |          |          |         |       |         |         | ļ        | ļ        |          | 1         | ļ           |          | 28       |
| 56/ 55               |     | I               |         |          |         |      |          |       |          |          |         |       |         |         |          |          | 1        |           |             |          | 13       |
| 54/ 53               |     | l               |         | <u> </u> |         |      | <u> </u> |       |          |          | ]       |       |         |         | L        |          | l        | <u> </u>  | İ           | 1        |          |
| 52/ 51               |     |                 |         |          |         |      |          | ]     |          |          |         |       |         |         |          |          |          |           | <u> </u>    |          | 1        |
| 50/ 49               |     |                 |         |          |         |      |          |       |          |          |         |       |         |         | <u> </u> |          |          |           |             |          | ] ;      |
| 44/ 43               |     |                 |         |          |         |      |          |       | l        |          |         |       |         |         |          | I        | 7        |           | I           |          |          |
| TOTAL                | • 4 | 2.1             | 4.1     | 8.0      | 14.9    | 20.4 | 17.6     | 14.9  | 10.5     | 4.1      | 1.8     | . 8   | . 3     | • 2     |          | <u> </u> |          |           | 3428        |          | 342      |
|                      |     | 1               |         |          |         |      |          |       |          |          |         |       |         |         |          |          |          | 3424      |             | 3424     |          |
|                      |     | <u> </u>        | L       | <u> </u> |         |      |          |       |          |          |         |       |         |         |          | 1        |          |           |             |          |          |
|                      |     |                 |         |          |         |      |          |       |          |          |         |       |         |         |          |          |          | I         |             |          |          |
|                      |     |                 |         |          |         |      |          |       |          |          |         |       |         |         |          | <u> </u> |          |           |             |          | <u> </u> |
|                      |     | 1               |         |          |         |      |          |       |          |          |         |       |         |         |          |          |          |           |             | 1        | i        |
|                      |     | <u></u>         | <u></u> |          | <u></u> | L.,  |          |       | <u> </u> | <u> </u> |         |       |         | l       |          |          |          |           | <u> </u>    | <u>L</u> |          |
| Element (X)          |     | Σχ <sup>1</sup> |         |          | ZX      |      | X        | *x    |          | No. 01   |         |       |         |         |          |          |          | h Tempera |             |          |          |
| Rel. Hum.            |     | 1345            | 1547    |          | 2105    | 51   | 61.5     | 12.1  | 37       |          | 24      | ≤ 0 1 |         | 32 F    |          | 7 F      | ≥ 73 F   | ≥ 80 F    | e 93        |          | Total    |
| Dry Bulb<br>Wet Bulb |     | 2429            | 4579    |          | 2899    |      | 84.6     | 4.2   | 27       |          | 28      |       |         |         |          | 2.9      | 92.2     |           |             | • 5      | 9        |
|                      |     |                 | 1713    |          | 2530    |      | 73.9     | 206   | 21       |          | 24      |       |         |         |          | 7.3      | 73.4     |           | 3           |          | 9:       |
| Dew Point            |     | 1040            | 3754    | 1        | 2372    | OU   | 69,3     | 0•0   | マ41      | 34       | 24      |       | ł       |         | 1 /      | الا م /  | 13.2     | :1 •      | O           |          | 9;       |

FORM O-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBT

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-3 (OL A)

RANDOLPH AFB TEXAS/SAN ANTONIO 38-70,72-75

# **PSYCHROMETRIC SUMMARY**

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| STATION          | - ==== |              |          | 51           | ATION N      | AME                                              |              |              |               | <del></del>    | <u> </u>  |              |               | YE           | ARS          |              |           |               |            | MON                                                | ITH          |
|------------------|--------|--------------|----------|--------------|--------------|--------------------------------------------------|--------------|--------------|---------------|----------------|-----------|--------------|---------------|--------------|--------------|--------------|-----------|---------------|------------|----------------------------------------------------|--------------|
|                  |        |              |          |              |              |                                                  |              |              |               |                |           |              |               |              |              |              |           | PAGE          | : 1        | 1200                                               | -140(        |
| Temp.            |        |              |          |              |              | WET                                              | BULB '       | TEMPER       | ATURE         | DEPRE          | SSION     | F)           |               |              |              |              |           | TOTAL         |            | TOTAL                                              |              |
| (F)              | 0      | 1 - 2        | 3 - 4    | 5 - 6        | 7 - 8        |                                                  |              |              |               |                |           |              | 23 - 24       | 25 - 26      | 27 . 28      | 29 - 30      | ≥ 31      | D.B./W.B.     | Dry Bulb   |                                                    | Dew Po       |
| 06/105           |        |              |          |              | , ,          | - 11                                             |              |              | 1             |                |           |              |               | 10 10        |              |              | •0        | 1             | 1          |                                                    |              |
| 04/103           |        |              |          |              |              |                                                  |              |              |               |                |           |              |               |              | •0           | • 0          | -1        | 4             | 4          | <del>,                                      </del> |              |
| 02/101<br>00/ 99 |        |              |          |              |              |                                                  |              |              |               |                |           | .3           | •0            |              | •3<br>•5     | •1<br>•3     | •1        | 20<br>93      | 20<br>93   |                                                    | Į            |
| 8/ 97            |        |              |          |              |              | •0                                               |              | • 0          | •0            | 1.1            | .6<br>5.4 |              |               | 1.3          | •3           | •0           |           | 232<br>490    | 232<br>490 |                                                    |              |
| 94/ 93           |        |              |          |              |              | - • •                                            | .0           | • 1          | 1.2           |                |           |              | 7             |              |              |              |           | 596           | 596        |                                                    | i            |
| 2/ 91            |        |              |          |              |              |                                                  | .1           | 1.2          |               | 6.5            | 3.6       |              | . 2           | 1            |              |              |           | 620           | 620        | 1 1                                                |              |
| 0/ 89            | ·      |              |          |              |              | •0                                               | .7           |              |               |                |           |              | .1            | .0           | -            |              |           | 549           | 549        |                                                    |              |
| 8/ 87            |        |              |          |              | •0           |                                                  |              | 3.1          | 1.4           | .4             | .4        | .2           | , ĩ           |              |              |              | _         | 280           | 280        |                                                    | ĺ            |
| 6/ 85            |        |              |          |              | •2           | 1.4                                              | 2.2          | 1.1          | .5            |                | .1        | •0           | •0            |              |              |              |           | 201           | 201        | 1                                                  | ĺ            |
| 4/ 83            |        |              |          | .1           | .6           |                                                  |              | ,4           | 1             | .0             | .0        |              |               |              |              |              |           | 112           | 112        | 1                                                  |              |
| 2/ 81<br>0/ 79   | •0     | .0           | •1       | •3<br>•5     | 1.1          |                                                  | •3           | •0           | •1            |                |           |              |               |              |              |              |           | 77            | 77<br>43   |                                                    | ,            |
| 8/ 77            |        | •1           | . 4      |              | • 2          | •1                                               |              | i            |               |                |           |              | i             |              |              |              |           | 45            | 45         |                                                    | i            |
| 6/ 75            |        | . 3          | . 5      | .1           |              |                                                  |              |              | l             |                |           | 1            |               |              |              |              |           | 32            | 32         |                                                    |              |
| 4/ 73<br>2/ 71   | •1     | .3           |          |              | •0           |                                                  |              |              |               |                |           |              |               |              |              |              |           | 21            | 21         |                                                    | 1            |
| 0/ 69            |        | • 1          |          |              |              |                                                  |              |              |               | <u> </u>       |           | i —          |               |              |              |              |           | 2             | 2          |                                                    | 6.           |
| 8/ 67            |        |              | .0       |              | ]            |                                                  |              |              | •             |                |           |              | 1             |              |              |              |           | ī             | ī          | 48                                                 | 7            |
| 6/ 65            |        |              | • 1      |              |              |                                                  |              |              | T             |                |           |              |               |              |              |              |           | 2             | 2          | 17                                                 | 6            |
| 4/ 63            |        |              |          |              |              |                                                  | <u> </u>     |              |               |                |           | <u> </u>     |               | <u> </u>     |              |              |           |               |            | 7                                                  | 3            |
| 2/ 61            |        |              | i        |              |              |                                                  |              |              |               |                |           |              |               |              |              |              |           |               |            |                                                    | 2            |
| 0/ 59            |        |              |          |              |              |                                                  |              | <u> </u>     | ļ             | <u> </u>       |           |              |               | <u> </u>     |              |              |           |               |            |                                                    | 1            |
| 8/ 57            |        |              |          | 1            |              |                                                  |              | ļ            |               |                |           |              |               | ł            |              |              | 1         |               |            |                                                    |              |
| 6/ 55            |        | <u> </u>     |          | ļ            |              | <u> </u>                                         | ļ <u> </u>   | <b>!</b>     | ļ             | ļ              | <u> </u>  | ļ            |               | <u> </u>     |              |              |           |               |            | ļ                                                  |              |
| 4/ 53            |        |              |          |              |              |                                                  | i            | l            |               | i              |           | 1            |               | 1            |              |              |           |               | ļ          |                                                    |              |
| 2/ 51            |        |              | <b> </b> | <del> </del> |              |                                                  | <u> </u>     | <del> </del> | <del> </del>  | <del> </del>   |           | <del> </del> | <del> </del>  | <del> </del> | -            | <u> </u>     |           |               |            |                                                    |              |
| 8/ 47            |        |              |          |              |              |                                                  |              |              | 1             |                | ļ         | ]            |               |              |              |              |           |               |            |                                                    |              |
| 6/ 45            |        | <del> </del> |          |              | <del> </del> | <del>                                     </del> | <del> </del> | ├            | <del> </del>  | <del> </del> - | ļ         | <del> </del> |               | <del> </del> | <del> </del> |              |           | <del>  </del> |            | <del> </del>                                       | <del> </del> |
| TAL              | . 1    | 1.1          | 1.4      | 1.4          | 2.6          | 3.7                                              | 6.0          | 10.8         | 14.4          | 16.9           | 17.8      | 12.4         | 6.2           | 3.2          | 1.1          | .5           | .1        |               | 3427       |                                                    | 34           |
| 17.5             | •.     |              |          |              | 2.00         | 70.                                              |              | 10.0         | 1730          | 2000           | 1700      | 1287         | 002           | 305          | 101          | • •          |           | 3427          | 3461       | 3427                                               |              |
| lement (X)       |        | Zx1          | <u> </u> | <del> </del> | ZX           | <del></del>                                      | ¥            | -            | <del></del> - | No. Ol         | <u> </u>  | Ц            | L             | Щ.           | Mean t       | lo, of H     | ours with | Temperat      | ure        |                                                    |              |
| el. Hum.         |        |              | 8744     |              | 1598         | 26                                               | 46.6         |              |               |                | 27        | ≤ 0          | F             | ± 32 F       | 2 (7         | <del>,</del> | 73 F      | > 80 F        | £ 93 I     | F .                                                | Total        |
| ry Bulb          |        | 2845         |          |              | 3118         | 09                                               | 91.0         | 5.0          | 95            |                | 27        |              | $\neg \vdash$ |              | 9.7          |              | 92.7      |               |            | •0                                                 | -            |
| fet Bulb         |        |              | 7968     |              | 2536         |                                                  |              | 2.2          |               |                | 27        |              |               |              | 92           |              | 72.9      |               |            |                                                    |              |
| ew Point         |        |              | 4020     |              | 2279         |                                                  | 66.5         |              |               |                | 27        |              |               |              |              | .3           | 3.9       |               |            | $\neg \vdash \neg$                                 |              |

### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

≥ 80 F ≥ 93 F

≤ 32 F

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-70,72-75 AUG STATION PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B./W.B. Dry Buth Wet Bulb Dew Point × 31 106/105 104/103 27 27 . 3 102/101 103 .3 103 160/ 99 .6 297 297 . 2 98/ 97 3.4 1.5 554 4.1 6.6 554 1.0 96/ 95 . 8 3.9 6.7 635 635 93 3.7 3.0 4.4 3.6 • 1,3 490 490 92/ 91 2.6 • 3 360 360 90/ 89 2.8 . 4 1.8 1.6 . 7 271 • 1 271 88/ 87 181 181 86/ 85 1.1 130 130 847 83 77 77 .0 82/ 81 .0 73 73 80/ 79 83 83 78/ 77 60 60 239 5 76/ 75 74/ 73 47 1074 47 20 21 21 1173 100 72/ 71 594 <u> 261</u> 70/ 69 230 443 68/ 67 547 64 66/ 65 16 631 64/ 63 453 62/ 6: 400 240 58/ 57 136 56/ 55 76 53 62 527 51 32 50/ .49 4 48/ 47 5 2 44/ 43 42/ 41

AFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(1)

Rel. Hum.

Dry Bulb Wet Bulb Dew Point

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#### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO 38-70,72-75
STATION MAME 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 0 2.0 2.5 2.9 2.9 4.4 5.2 7.4 9.014.316.514.8 9.8 4.3 1.7 1.0 TOTAL 3423 3423 3423 ZX X No. Obs. Mean No. of Hours with Temperature Element (X) 42.614.588 92.7 6.119 73.7 2.333 6946268 29549787 145892 317349 3423 ×73 F ×80 F ×93 F 3423 93.0 92.7 88.4 57.3 93 Dry Bulb 93 Wet Bulb 18600230 252200 92.3 68.2 3423 .3 Dew Point 222480 93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTUNIO STATION NAME AUG MONTH 1800-2000 HOURS (t. S. T.) PAGE 1

| Temp.            |     |              |              |       |       | WET | BULB 1    | EMPER | ATURE      | DEPRE        | SSION                                            | F)         |         |                                                  |                                                  |       |                 |          | TOTAL   |                                       | TOTAL        |           |
|------------------|-----|--------------|--------------|-------|-------|-----|-----------|-------|------------|--------------|--------------------------------------------------|------------|---------|--------------------------------------------------|--------------------------------------------------|-------|-----------------|----------|---------|---------------------------------------|--------------|-----------|
| (F)              | 0   | 1 - 2        | 3 - 4        | 5 - 6 | 7 - 8 |     |           |       |            |              |                                                  | 21 - 22    | 23 - 24 | 25 - 26                                          | 27 - 2                                           | 28 29 | - 30            | ± 31     |         | Dry Bulb                              |              | Dew Point |
| 104/103          |     | 1            |              |       |       |     |           |       |            | i — —        |                                                  |            |         | <del>                                     </del> | 1                                                |       |                 | •0       | 1       | 1                                     | <del></del>  |           |
| 102/101          |     | 1            |              |       | ļ     |     |           |       |            | ł            |                                                  | <b>i</b>   |         | i                                                |                                                  | 1     | . 1             | . 1      | 8       | 8                                     |              |           |
| 100/ 99          |     |              |              |       |       |     |           |       |            | i            | l                                                | •0         | , ]     | . 6                                              |                                                  | 3     | • 2             | •1       | 45      | 45                                    |              |           |
| 98/ 97           |     |              | ĺ            |       |       |     |           |       |            |              | .0                                               |            |         | 1.3                                              |                                                  | 5     | . 1             |          | 128     |                                       |              | 1         |
| 96/ 95           |     |              |              |       |       |     |           |       | .0         | .1           | 1.0                                              |            | 1.9     |                                                  |                                                  | 3     |                 |          | 237     | 237                                   |              |           |
| 94/ 93           |     | 1            |              |       | i     |     |           |       | .3         | 1.5          |                                                  | 2.6        | 1.2     | . 4                                              |                                                  |       | j               |          | 302     | 302                                   |              |           |
| 92/ 91           |     |              |              |       |       |     |           | . 4   |            |              |                                                  | 1.1        | • 5     | • 1                                              |                                                  | 0     | .0              |          | 339     | 339                                   |              |           |
| 90/ 89           |     |              |              |       |       | • 0 |           |       | 4.5        | 3.3          | 2.0                                              | .7         | . 3     | .0                                               |                                                  | o     |                 | ļ        | 453     | 453                                   | ł            |           |
| 88/ 87           |     |              |              |       | • 0   | • 4 |           | 4.1   | 3.5        | 1,.3         | .6                                               | • 2        | • (     | . (                                              | )                                                |       |                 |          | 424     | 425                                   |              |           |
| 86/ 85           |     |              |              | • 0   | . 2   | 2.2 | 3.9       | 2.8   |            |              | .2                                               | .0         |         | <u> </u>                                         | <u> </u>                                         |       |                 |          | 361     | 361                                   |              |           |
| 84/ 83           |     | 1            | 1            | • 3   | 1.5   | 2.5 | 1.9       |       |            |              |                                                  |            |         |                                                  |                                                  |       |                 |          | 267     | 268                                   |              |           |
| 52/ 81           |     | <u> </u>     | • 1          | • 6   | 2.4   |     | 1.0       |       |            |              |                                                  | .0         | • 0     |                                                  |                                                  |       |                 |          | 225     |                                       |              |           |
| 80/ 79           |     | • 1          | . 4          |       |       | • 7 |           |       | • 1        | •0           |                                                  |            |         |                                                  |                                                  | 1     | - 1             |          | 213     | 214                                   |              |           |
| 78/ 77           |     | • <u>1</u>   | 1.3          | 1.7   | .7    | • 3 |           | • 1   |            | ļ            | ļ <u> </u>                                       |            |         |                                                  | ļ                                                |       |                 |          | 145     |                                       |              | 7         |
| 76/ 75           |     | •9           |              |       | , 2   |     | • 1       | . 1   |            |              |                                                  |            |         | 1                                                | 1                                                |       | I               |          | 108     | 108                                   |              | 19        |
| 74/ 73           | • ( |              |              |       | • 0   |     |           |       | ļ          |              |                                                  |            |         | ļ                                                | ļ                                                | - -   |                 |          | 48      | 48                                    |              |           |
| 72/ 71 70/ 69    | ,   | .4           |              |       |       |     |           |       |            | ł            |                                                  |            |         | İ                                                |                                                  |       |                 |          | 2.2     | 22                                    |              | 431       |
| 70/ 69<br>68/ 67 | • ( |              | •0           | • 1   |       |     | <u> </u>  |       | <b></b>    |              |                                                  | !          |         |                                                  | <del> </del>                                     | -     |                 |          | 7       | · · · · · · · · · · · · · · · · · · · |              |           |
| 66/ 65           | • ( | 1            |              | • 0   | ł     |     |           |       |            | i            |                                                  |            |         |                                                  | 1                                                |       | 1               |          | 2       | 2                                     |              |           |
| 64/ 63           |     | <del> </del> | <del> </del> |       |       |     | <b></b> - |       | <b> </b> - | <del> </del> |                                                  |            |         | <del> </del>                                     |                                                  |       |                 |          |         |                                       | 43<br>19     |           |
| 62/ 61           |     |              |              |       |       |     |           |       |            | 1            |                                                  |            |         | ļ                                                |                                                  | -     | 1               |          |         |                                       | 4            |           |
| 60/ 59           |     | <del></del>  | <del> </del> |       |       |     | <b></b>   |       |            | <del> </del> |                                                  |            |         | <del> </del> -                                   | ┼─                                               | -     |                 |          |         |                                       | 2            |           |
| 58/ 57           |     | 1            |              |       |       |     | 1         |       | Ì          | 1            |                                                  |            |         |                                                  |                                                  | -     | l               |          |         |                                       | "            | 123       |
| 56/ 55           |     | <del> </del> | <del> </del> |       |       |     |           |       |            | <del> </del> | <del> </del>                                     |            |         | <del> </del>                                     | <del> </del> -                                   |       |                 |          |         |                                       | <del> </del> | 73        |
| 54/ 53           |     |              |              |       |       |     |           |       | ļ          | 1            |                                                  | i          |         |                                                  | 1                                                | -     | - 1             |          |         | ļ                                     |              | 43        |
| 52/ 51           |     | <u> </u>     |              |       |       |     |           |       |            | <del> </del> | <del>                                     </del> |            |         | <del> </del>                                     | <del> </del>                                     | -     |                 |          |         |                                       | <del> </del> | 25        |
| 50/ 49           |     | 1            | i l          |       |       |     |           |       |            | ĺ            | ]                                                |            |         |                                                  | 1                                                | 1     | l               |          |         |                                       |              | 7         |
| 48/ 47           |     |              |              |       |       |     |           |       | i          | 1            | <u> </u>                                         |            |         | <del>                                     </del> | <del>                                     </del> |       | — †             |          |         |                                       |              | <u> </u>  |
| 46/ 43           |     | 1            |              |       |       |     | }         |       |            | 1            | 1                                                |            |         |                                                  | !                                                | l     | ļ               |          |         |                                       |              | 2         |
| 44/ 43           |     |              |              |       |       |     |           |       |            |              |                                                  |            |         | 1                                                | 1                                                |       | —- <sub>1</sub> |          |         |                                       |              | 2         |
| 42/ 41           |     |              |              |       |       |     |           |       |            |              |                                                  |            |         | Ì                                                |                                                  | J     | - 1             |          |         |                                       |              | 2         |
| TOTAL            | • : | 2.1          | 4.0          | 5.8   | 7.5   | 8.3 | 10.3      | 10.9  | 12.1       | 10.4         | 9.8                                              | 8.0        | 5.5     | 3.3                                              | 1.                                               | اِدُ  | • 5             | • 2      | 3335    | 3339                                  | 3335         | 3335      |
| Element (X)      |     | ZX2          | •            |       | Σχ    |     | X         | •     | т-         | No. Ol       | 5.                                               | ·          |         | <del></del>                                      | Mear                                             | No.   | of Ho           | urs with | Tempera |                                       |              | ·         |
| Rel. Hum.        |     |              | 9765         |       | 1738  | 11  | 52.1      |       |            |              | 35                                               | <b>±</b> 0 | F       | ≤ 32 F                                           |                                                  | 67 F  | _               | 73 F     | ≥ 80 F  | ≥ 93                                  | F            | Total     |
| Dry Bulb         |     | 2555         | 9211         |       | 2913  | 97  | 87.3      | 6.2   | 11         | 33           | 39                                               | <u>`</u>   | _       |                                                  |                                                  | 3.0   |                 | 92.1     | 81.     |                                       |              | 93        |
| Wet Bulb         |     | 1767         | 0654         | -     | 2426  |     | 72.7      | 2.5   | 28         |              | 35                                               |            | _       |                                                  | 9                                                | 7.1   |                 | 54.6     |         | <del></del>                           |              | 93        |
| Dew Point        |     |              | 2284         |       | 2202  |     | 66.0      |       |            |              | 35                                               |            |         |                                                  | 4                                                | · . ( |                 | 5.3      |         |                                       |              | 93        |

FORM 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### **PSYCHROMETRIC SUMMARY**

3333

93

93

93

3337

3333

≥ 80 F

58,8

.0

Mean No. of Hours with Temperature

89.3

46.7

≥ 73 F

93.0

89.5

67.6

3333

RANDOLPH AFB TEXAS/SAN ANTONIU 38-45,47-75 AUG 2100-2300 HOURS (L. S. 7.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./4.B. Dry Bulb Wet Bulb Dew Point 0 96/ 95 .0 94/ 93 92/ 91 .0 14 14 78 90/ 89 78 88/ 87 1.5 3.2 170 . 1 170 867 85 378 378 84/ 83 2.7 539 5.6 539 82/ 5.7 583 584 79 1.6 80/ . 1 6.3 2.6 . 8 •0 563 563 . 5 • 1 3.8 <u> 373</u> 78/ 77 374 59 761 3.5 75 2.0 2.2 • 0 305 307 530 50 • 2 73 2.1 191 340 741 1075 191 .2 72/ 71 91 91 890 696 • 1 70/ 69 33 463 781 33 68/ 67 183 543 379 66/ 65 72 64/ 63 35 225 62/ 61 60/ 59 67 58/ 57 42 29 56/ 55 53 51 13 52/ 4 50/ .48/ ī

No. Obs.

3333

3337

3333

67,713,799 80.6 4.403

72.1 2.741

68.3

.1 6.412.816.616.717.212.2 9.2 5.0 2.2

225528

269015

240399

227576

FORM O-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

46/ 45 44/ 43 42/ 41

TOTAL

Element (X)

Dry Bulb

Wet Bulb

Dew Foint

Zy

15894808 21751535

17364279

RANDOLPH AFB TEXAS/SAN ANTONIO

12911

#### PSYCHROMETRIC SUMMARY

SEP

STATION STATION NAME 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Buth Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 86/ 85 84/ 83 82/ 81 28 28 80/ 79 201 2.0 200 .0 3.5 6.3 1.6 787 6.5 3.7 .0 526 527 • 2 8.5 665 302 133 76/ 75 3.0 .0 • 0 664 73 6.0 5.9 2.0 541 543 526 402 741 1.1 •0 •0 3.9 522 359 350 676 721 3.5 71 .0 .0 271 217 70/ 69 . 2 2.5 2.6 • 2 272 416 504 1.1 281 217 369 68/ 67 2.1 1.2 66/ 65 128 128 256 268 1.2 86 175 63 86 183 62/ 61 .6 76 76 142 155 •2 •0 • 5 159 50 51 137 60/ 59 58/ 57 56/ 55 31 33 91 117 . 5 .0 72 20 115 20 • 3 • 0 75 34/ 53 54 • 2 • i 38 70 52/ 51 50/ 49 36 30 48/ 47 36 46/ 45 44/ 43 17 42/ 41 40/ 39 38/ 37 2 34/ 33 32/ 31 3220 2.126.735.017.5 8.9 3230 3220 3220 Element (X) 80.712.368 72.6 5.339 3220 3230 21480044 259962 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. 4 0 F 90 17110361 234455 78.5 54.9 Dry Bulb 68.3 6.011 66.0 7.516 15147495 220001 3220 62.2 23.8 90 Wet Bulb Dew Point 14219268 212604 54.1 90

\* { ( (

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

J C C CORW O

## **PSYCHROMETRIC SUMMARY**

| 74/ 73                                                                                                                                                                                                         | 2911<br>STATION | RA  | NDOL     | PH A                                             |             | EXAS         |                                                  | ANT                                              | ONIO           |              | 38,0          | 40-7    | 4             |                                                | YE           | ARS     |          |                                                  |           |               | S                                                | EP       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|----------|--------------------------------------------------|-------------|--------------|--------------------------------------------------|--------------------------------------------------|----------------|--------------|---------------|---------|---------------|------------------------------------------------|--------------|---------|----------|--------------------------------------------------|-----------|---------------|--------------------------------------------------|----------|
| ## Supplied                                                                                                                                                                                                    |                 |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                |              |         |          |                                                  | PAGE      | 1             | ()300<br>HOURS (                                 | -050     |
| 82 / 81                                                                                                                                                                                                        | Temp.           |     |          |                                                  |             |              | WET                                              | BULB                                             | EMPER          | ATURE        | DEPRE:        | SSION ( | F)            |                                                |              |         |          |                                                  |           |               |                                                  |          |
| 807 79                                                                                                                                                                                                         | (F)             | 0   | 1 - 2    | 3 • 4                                            | 5 - 6       | 7 - 8        | 9 - 10                                           | 11 - 12                                          | 13 - 14        | 15 - 16      | 17 - 18       | 19 - 20 | 21 - 22       | 23 - 24                                        | 25 - 26      | 27 - 28 | 29 - 30  | ≥ 31                                             | D.B./W.B. | Dry Bulb      | Wer Bulb                                         | Dew P    |
| 78. 77                                                                                                                                                                                                         | 82/ 81          |     |          | • 1                                              |             |              |                                                  |                                                  |                |              |               |         |               |                                                |              | 1       |          |                                                  | 2         | 2             |                                                  |          |
| 76/ 75                                                                                                                                                                                                         |                 |     |          |                                                  |             |              | • 1                                              |                                                  | •0             |              |               |         |               |                                                |              |         |          | <u> </u>                                         |           |               |                                                  |          |
| 74/ 73                                                                                                                                                                                                         |                 |     |          |                                                  |             | • 4          | • 1                                              |                                                  |                |              |               |         |               | -                                              |              | 1       |          | 1                                                |           |               |                                                  |          |
| 72/ 71                                                                                                                                                                                                         |                 |     |          |                                                  |             |              | • 3                                              | .2                                               |                |              |               |         |               |                                                |              |         |          |                                                  |           |               |                                                  |          |
| 70/ 69                                                                                                                                                                                                         |                 | • 9 | 8.9      | 6.4                                              | 1.7         |              |                                                  | • 4                                              | • 1            | •0           | • 0           |         |               |                                                | i i          | į       |          | İ                                                |           |               |                                                  |          |
| 68/ 67                                                                                                                                                                                                         |                 |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                | <u>اا</u>    |         |          | ļ                                                | +         |               |                                                  |          |
| 66 / 65                                                                                                                                                                                                        |                 |     |          |                                                  |             | • 2          |                                                  |                                                  |                |              | • 0           |         | i             |                                                |              | l       |          |                                                  |           |               |                                                  |          |
| 64/ 63                                                                                                                                                                                                         |                 | . 2 |          |                                                  |             |              |                                                  |                                                  | .0             |              | -1            |         |               |                                                |              |         |          | ļ                                                |           |               |                                                  |          |
| 62 / 61                                                                                                                                                                                                        |                 | • 1 |          |                                                  |             |              |                                                  |                                                  | •0             |              |               |         |               |                                                |              |         |          |                                                  |           |               | I .                                              |          |
| 60 / 59                                                                                                                                                                                                        |                 | • 1 |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                |              |         |          | -                                                |           |               |                                                  |          |
| 58 / 57                                                                                                                                                                                                        |                 | • 2 |          |                                                  |             |              |                                                  |                                                  |                |              | 1 1           |         |               |                                                |              | 1       |          |                                                  |           |               |                                                  |          |
| 56/ 55                                                                                                                                                                                                         |                 |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                |              |         |          | ├                                                |           |               |                                                  | 1        |
| 54/ 53                                                                                                                                                                                                         |                 |     |          |                                                  |             | t .          | • •                                              | •                                                |                |              | ] ]           |         |               |                                                |              |         |          | 1                                                |           |               |                                                  | 1        |
| 52/51                                                                                                                                                                                                          |                 |     |          |                                                  |             | • •          |                                                  | ••                                               | }              |              |               |         | <del>  </del> |                                                |              |         |          |                                                  |           |               |                                                  |          |
| 50/ 49                                                                                                                                                                                                         |                 |     |          |                                                  |             |              |                                                  | 1                                                |                |              |               |         |               |                                                |              | Į       |          |                                                  |           |               |                                                  | ļ<br>!   |
| 48/ 47                                                                                                                                                                                                         |                 |     | ••       |                                                  |             |              |                                                  | <del> </del>                                     |                |              |               |         |               |                                                |              |         |          | -                                                |           |               |                                                  |          |
| 46/ 45                                                                                                                                                                                                         |                 |     | !<br>!.∧ |                                                  | •           |              |                                                  | 1                                                |                |              | 1             |         | 1             |                                                | 1            |         |          | 1                                                |           | 2             |                                                  |          |
| 44/ 43                                                                                                                                                                                                         |                 |     |          | ••                                               | <del></del> | <u> </u>     | -                                                | <del> </del>                                     | <del> </del> - | <u> </u>     | <del>  </del> |         |               |                                                | <del> </del> |         |          | <del>                                     </del> | 3         | <u>-</u> 2    |                                                  |          |
| 42 / 41                                                                                                                                                                                                        |                 |     |          |                                                  | '-          |              |                                                  |                                                  |                |              |               |         |               |                                                | [            |         |          | 1                                                | 1 1       | _             |                                                  |          |
| 40/ 39 38/ 37 36/ 35 38/ 37 36/ 35 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31 32/ 31/ 32/ 32/ 31 32/ 32/ 31 32/ 32/ 31/ 32/ 32/ 32/ 32/ 32/ 32/ 32/ 32/ 32/ 32 |                 |     |          | <del>                                     </del> | <u> </u>    |              | <del>                                     </del> | <del> </del>                                     | <del> </del>   |              | <del>  </del> |         |               |                                                | T            |         |          | 1                                                |           |               | <del>                                     </del> |          |
| 38/ 37 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27  OTAL                                                                                                                                                                |                 |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                |              |         |          | [                                                |           |               | 3                                                |          |
| 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27 0.7 1.3 5.7 2.7 1.3 4.4 1.2 3219 3219 3219 3219 3219 3219 3219 321                                                                                                          |                 |     |          |                                                  | ·           |              |                                                  | <del>                                     </del> | 1              |              | l             |         |               |                                                |              |         |          | 1                                                |           |               |                                                  | 1        |
| 32/ 31                                                                                                                                                                                                         |                 |     |          | ł                                                | 1           |              | İ                                                |                                                  | 1              |              |               |         |               |                                                | 1            |         |          | 1                                                |           |               |                                                  | !        |
| 30/29 28/27  OTAL 3.242.631.512.3 5.7 2.7 1.3 .4 .1 .2 3219  Element (X)                                                                                                                                       | 34/ 33          |     |          | i                                                |             |              |                                                  |                                                  |                |              |               |         |               |                                                | i            |         |          |                                                  |           |               |                                                  |          |
| 28/ 27  OTAL 3.242.631.512.3 5.7 2.7 1.3 .4 .1 .2 3219 3219 3219  Element (X)                                                                                                                                  |                 |     |          |                                                  |             |              |                                                  | 1                                                |                |              |               |         |               |                                                | ļ            |         |          | 1                                                | <u> </u>  |               | İ                                                |          |
| Element (X)                                                                                                                                                                                                    | 30/ 29          |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                |              |         |          |                                                  |           |               | 1                                                |          |
| Element (X)                                                                                                                                                                                                    |                 |     |          | <u> </u>                                         |             |              |                                                  |                                                  |                |              |               |         |               |                                                | <u> </u>     |         | <u> </u> |                                                  | <u> </u>  |               |                                                  | <u> </u> |
| Element (X)                                                                                                                                                                                                    | DTAL            | 3.2 | 42.6     | 21.5                                             | 12.3        | 5,7          | 2.7                                              | 1.3                                              | • 4            | • 1          | • 2           |         |               |                                                |              |         |          |                                                  | _         | 3229          |                                                  | 32       |
| Rel. Hum. 23428003 272215 84,611,262 3219 = 0 F = 132 F = 67 F = 73 F = 80 F = 93 F Toto Dry Bulb 16262309 228431 70.7 5.629 3229 71.7 42.8 .6 Wer Bulb 14787126 217196 67.5 6.410 3219 58.4 21.0              |                 |     | ļ        | <del> </del>                                     |             | <del> </del> |                                                  | -                                                | <del> </del>   | <del> </del> |               |         |               |                                                |              |         |          | ├                                                | 3219      |               | 3219                                             |          |
| Rel. Hum. 23428003 272215 84,611,262 3219 = 0 F = 132 F = 267 F = 73 F = 280 F = 293 F Total Company Sulph                                                                                                     |                 |     |          | ļ                                                |             | <u> </u>     |                                                  | <del> </del>                                     | ļ              |              |               |         |               |                                                | <u> </u>     |         |          |                                                  |           |               |                                                  |          |
| Rei. Hum. 23428003 272215 84,611,262 3219 = 0 F = 132 F = 267 F = 73 F = 280 F = 293 F Total Corp. Bulb 16262309 228431 70.7 5.629 3229 71.7 42.8 .6 Wei Bulb 14787126 217196 67.5 6.410 3219 58.4 21.0        | E1 (V)          |     | 7.43     | <u> </u>                                         |             | 2            | <u> </u>                                         |                                                  |                | <u> </u>     | No Ot         |         |               |                                                |              | Mean h  | 10 26 5  | loues =="                                        | h Terres  | 1120          |                                                  |          |
| Dry Bulb 16262309 228431 70.7 5.629 3229 71.7 42.8 .6 Wet Bulb 14787126 217196 67.5 6.410 3219 58.4 21.0                                                                                                       |                 |     |          | 8003                                             |             |              | 16                                               |                                                  |                |              |               |         | O             | <u>.                                      </u> | 4 22 F       |         |          |                                                  | .,        |               | F                                                | Total    |
| Wet Bulb 14787126 217196 67.5 6.410 3219 58.4 21.0                                                                                                                                                             |                 |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         | 2 0           |                                                | - 04 (       |         |          | -                                                |           |               | <del></del>                                      | 10101    |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                                                                                                                                                          |                 |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                |              |         |          |                                                  |           | <del>* </del> |                                                  |          |
|                                                                                                                                                                                                                | Dew Point       |     |          |                                                  |             |              |                                                  |                                                  |                |              |               |         |               |                                                | _ 1          |         |          |                                                  |           | 1             | <del></del>                                      |          |

RM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ر ج USAFETAC

#### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO SEP 12911 38,40-74 STATION STATION NAME YEARS MONTH PAGE 1 0600-0800 HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 . 0 86/ 85 64/ B3 82/ 81 45 • 1 , Ī 2.6 80/ 79 184 184 78/ 77 3.4 4.5 1.8 350 351 22 7.5 1.9 567 151 76/ 75 6.1 . 2 . 1 566 351 7.3 741 73 4.9 1.8 • 1 •0 528 528 510 468 5.8 3.0 428 537 510 72/ 71 427 70/ 69 4.2 2.8 326 424 • 0 325 416 68/ 67 2.3 323 348 2.0 220 173 • 1 • 1 1.5 1.2 239 258 66/ 65 173 1.7 • 1 • 0 .0 1.1 64/ 63 120 121 192 203 • d 62/ 61 1.0 107 154 166 1.1 107 60/ 59 ,0 • 5 65 65 136 115 58/ 57 •4 37 39 109 132 • 4 • 1 55 30 91 133 56/ 28 • 1 54/ 53 . 1 15 16 62 62 • 0 • 2 52/ 51 28 68 . 1 50/ 49 • 5 5 22 51 48/ 47 37 46/ 45 35 44/ 43 41 11 42/ 40/ 39 37 38/ 3 36/ 35 34/ 33 30/ 29 3213 TOTAL 3.236.131.615.3 7.1 4.0 1.5 3223 . 1 3212 3212 ZX No. Obs. Meon No. of Hours with Temperature 83.111.987 71.7 5.777 68.0 6.361 3212 Rel. Hum. 22623579 266805 40 F - 32 F 267 F 273 F 280 F 293 F 16654972 230938 3223 74.2 47.0 90 Dry Bulb 4.0 90 Wet Bulb 14971481 218337 3212 60.6 24.8 66.0 7.705 3213 53.4 212012 17.5 90 Dew Point 14180424 • 0

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ö **EDITIONS** PREVIOUS 7 ಠ 26-3 ö () \$\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \f

### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA   | NDOL  | PH A     |       | EXAS           |       | THA    | ONIO       |       | 39,    | <u>40-7</u> | 4   |               | YE           | ARS      |          |           |             |          |                 | EP<br>nth |
|------------------|------|-------|----------|-------|----------------|-------|--------|------------|-------|--------|-------------|-----|---------------|--------------|----------|----------|-----------|-------------|----------|-----------------|-----------|
|                  |      |       |          |       |                |       |        |            |       |        |             |     |               |              |          |          |           | PAGI        | E 1      | 0900<br>HOURS ( | -1100     |
| Temp.            |      |       |          |       |                | WET   | BULB 1 | EMPER      | ATURE | DEPRE  | SSION (     | F)  |               |              |          |          |           | TOTAL       |          | TOTAL           |           |
| (F)              | 0    | 1 - 2 | 3 - 4    | 5 - 6 | 7 - 8          |       |        |            |       |        |             |     | 23 - 24       | 25 - 26      | 27 - 28  | 29 - 30  | ≥ 31      | D.B./W.B.   | Dry Bulb | Wet Bulb        | Dew Point |
| 96/ 95           |      | _     |          |       |                |       |        |            |       |        | .0          |     |               |              |          |          |           | 1           | 1.       |                 |           |
| 94/ 93           | ļ    |       |          |       |                |       | ļ      | J          |       | _, 1   | . 1         | .1  | . ]           | . 0          | ] ]      |          |           | 13          | 13       |                 |           |
| 92/ 91           |      |       |          |       |                |       | • 0    | • 1        | . 3   | . 2    | . 2         | • 1 | • (           |              |          |          |           | 31          | 31       |                 |           |
| 90/ 89           |      |       |          |       |                | • 0   | . 4    | 1.4        | 1.0   |        | • 2         | • 2 | ي و           | J.           | <u> </u> | • 0      |           | 123         | 123      |                 |           |
| 88/ 87           |      |       |          |       | •1             | • 6   | 2.1    | 2.1        | 1.0   | . 5    | • 2         | •0  | • 1           | T            |          |          |           | 213         | 213      |                 |           |
| 86/ 85           |      |       |          |       | .7             | 3.4   | 4.3    | 1.8        | .6    |        | 2           | . 1 |               | 1.0          |          |          |           | 366         | 366      | i               |           |
| 84/ 83           | _    |       | • 1      | • 7   |                |       | 2.3    | 1.0        | .7    | .3     | •0          | • 2 | •             |              |          |          | 1         | 434         | 435      |                 | 1         |
| 82/ 81           |      |       | • 3      | 3.4   | 4.6            |       | 1.1    | 1.1        | . 7   | , 4    | . 2         | 1   |               | 1            |          |          |           | 479         | 479      |                 | [         |
| 80/ 79           |      | • 1   | 1.9      | 4.8   | 3.2            | 1.6   | 1.1    | . 8        | • 4   | , 4    | . 2         |     |               | 1            |          |          |           | 466         | 456      | 11              |           |
| 78/ 77           |      | . 6   |          | 2.1   | 1.8            | 1.1   | 1.1    | .6         | • 5   | .3     | 1           | • 0 |               | 1            |          |          |           | 334         | 334      | 132             |           |
| 76/ 75           | • 1  | 1.2   | 1.8      | 1.3   | • 7            | • 9   | • 6    | . 6        | . 3   | . 2    | • 1         |     |               | 1            | 1 1      |          | 1         | 250         | 250      | 701             | 84        |
| 74/ 73           | • 1  | . 9   |          | • 9   | .7             | _ • 5 | . 6    | . 3        | . 3   | . 1    |             |     |               |              |          |          |           | 163         | 165      | 754             |           |
| 72/ 71           | • 1  | . 8   |          | • 6   | • 7            | • 5   | • 3    | • 2        | .2    | • 1    |             |     |               |              |          |          |           | 127         | 127      | 470             |           |
| 70/ 69           | •0   | • 5   | • 2      | •4    | • 4            | • 3   | . 2    | .1         | .1    |        |             |     |               | <u> </u>     | <u> </u> |          |           | 72          | 75       | 315             |           |
| 68/ 67           | . 2  | . 4   |          | • 3   | • 4            | • 1   | • 1    | • 2        | • 0   |        |             |     |               | 1            |          |          |           | 61          | 61       | 220             |           |
| 66/ 65           | 0    |       | • 2      | •1    | .3             | • 1   | • 1    | • 1        | .0    |        |             |     |               | <u> </u>     |          |          |           | 41          | 42       | 181             | 252       |
| 64/ 63           |      | • 1   | • 1      | • 1   | • 2            |       | • 0    |            |       |        |             |     |               |              |          |          |           | 14          | 14       | 128             |           |
| 62/ 61           |      | . 1   | • 2      | • 1   |                | . 1   | .0     | • 0        |       |        |             |     |               |              |          |          |           | 17          | 17       | 129             |           |
| 60/ 59           |      | • 2   | •0       |       | • 1            | • 0   |        |            |       |        |             |     |               |              |          |          |           | 10          | 10       |                 |           |
| 58/ 57           |      | • 0   |          |       |                |       | •0     |            |       |        |             |     |               | ļ            |          |          |           | 2           | 2        | 51              | 129       |
| 56/ 55           | • 0  |       |          |       |                |       |        |            | İ     |        |             |     |               | 1            |          |          |           | 1           | 1        | 24              |           |
| 54/ 53           |      |       | <u> </u> |       |                |       |        |            |       |        |             |     |               |              |          |          |           |             |          | 17              |           |
| 52/ 51           |      |       |          |       |                |       |        |            |       |        |             | ĺ   |               | 1            |          |          |           |             |          | 8               |           |
| 50/ 49           |      |       |          |       |                |       |        |            |       |        |             |     |               | <u> </u>     |          |          | <u> </u>  |             |          | 2               | 44        |
| 48/ 47           |      |       | 1        |       |                |       |        |            |       |        |             |     |               | ļ            |          | '        |           | i ł         |          | 1               | 35        |
| 46/ 45           |      |       | ļ        |       |                |       |        |            |       |        |             |     |               | ļ            | ļ        |          | ļ         |             |          | 1               | 23        |
| 44/ 43           |      |       |          |       |                |       |        |            |       |        |             |     |               |              |          |          |           |             | i        | l               | 19        |
| 42/ 41           |      |       | <u> </u> |       |                |       | ļ      |            |       | L      |             |     | <u> </u>      | <del> </del> |          |          | <u> </u>  |             |          | ļ               | 14        |
| 40/ 39           |      |       |          |       |                |       |        |            |       |        |             |     |               | !            |          |          |           |             |          | ĺ               | 8         |
| 38/ 37           |      |       | <u> </u> |       |                |       |        |            |       |        |             |     | <b> </b>      | ļ            |          | •        |           |             |          |                 | 4         |
| 36/ 35           |      |       |          |       |                |       |        |            |       |        |             |     |               | 1            |          |          |           | ! !         |          | İ               | 1         |
| 32/ 31           |      |       |          |       |                |       |        |            |       |        |             |     | <del></del> - | <del> </del> |          |          | <b> </b>  |             |          | <b></b>         | 3         |
| TOTAL            | . 4  | 5.2   | 8.7      | 14.6  | 17.0           | 16.8  | 14.4   | 10.4       | 6.2   | 3,5    | 1.6         | .8  | • 4           | • 1          |          | •0       |           | 3218        | 3225     | 3218            | 3218      |
| Element (X)      | **** | Σχ²   |          |       | z <sub>X</sub> |       | X .    | <b>7</b> x |       | No. Ob | s.          |     |               |              | Meon N   | lo. of H | ours with | h Temperat  | ur•      |                 | *         |
| Rel. Hum.        |      | 1409  | 6739     |       | 2076           | 53    | 64.5   |            | 21    | 32     | 18          | ± 0 | F             | ± 32 F       | ≥ 67     | F        | 73 F      | ≥ 80 F      | ≥ 93 I   | F               | Total     |
| Dry Bulb         |      |       | 8295     |       | 2582           | 29    | 80.1   | 5.8        | 85    | 32     |             |     |               |              | 87       |          | #0.3      | 53.         |          | •4              | 90        |
| Wet Bulb         |      | 1621  |          |       | 2278           |       | 70.8   |            |       | 32     |             |     |               |              | 72       |          | 44.7      |             |          |                 | 90        |
| Dew Point        |      | 1429  | 6362     |       | 2132           |       | 66.3   |            |       | 32     |             |     |               | • 1          | 56       |          | 12.6      | <del></del> |          |                 | 90        |

USAFETAC FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

| Temp.              |              |       |         |             |       |            |         |                | ATURE   |         |                                                  |          |         |         |              |           |          | TOTAL        |               | TOTAL       |           |
|--------------------|--------------|-------|---------|-------------|-------|------------|---------|----------------|---------|---------|--------------------------------------------------|----------|---------|---------|--------------|-----------|----------|--------------|---------------|-------------|-----------|
| (F)                | 0            | 1 - 2 | 3 - 4   | 5 - 6       | 7 - 8 | 9 - 10     | 11 - 12 | 13 - 14        | 15 - 16 | 17 - 18 | 19 - 20                                          | 21 - 22  | 23 - 24 | 25 - 26 | 27 - 28      | 29 - 30   | ≥ 31     | D.B./W.B.    | Dry Bulb      | Wet Bulb    | Dew Point |
| 100/ 99            |              |       |         |             |       |            |         |                |         |         |                                                  |          | • 1     |         |              | • 0       |          | 4            | 4             |             |           |
| 98/ 97             |              |       |         |             | i     |            |         |                | I       | • 0     | . 1                                              | .3       | . 3     | • 1     | • 1          | . 1       |          | 36           |               |             |           |
| 96/ 95             |              |       |         |             |       |            |         |                | • 1     | • 4     | 1.1                                              | • 9      | . 6     | • 5     | • i          | •0        | •0       | 114          |               |             |           |
| 94/ 93             |              |       |         |             |       |            |         | . 1            | .6      | 2.0     |                                                  | 1.3      | • 5     | , 2     | . 1          | 1         | • 0      |              |               |             |           |
| 92/ 91             |              |       |         |             |       | • 1        | • 2     | 1.2            |         | 3.7     | 1.9                                              | 8.       | • 5     | • 2     | •0           | • 0       | • 0      | 392          | 392           |             |           |
| 90/89              |              |       |         | 1           | • 0   | • 1        | 1.1     | 3.5            | 4.9     | 3.0     | 1.2                                              | • 5      | . 4     | • 3     |              | • 0       |          | 488          |               |             |           |
| 88/ 87             |              |       |         |             | • 1   | • 9        | 2.7     | 4.0            | 2.5     | 1.7     | .9                                               | • 4      | • 4     | • 1     | Ī            |           |          | 438          |               |             |           |
| 86/ 85             |              |       |         | • 1         | . 5   | 2.1        |         | 2.4            | 1.2     | 1.5     | .9                                               | .7       | 5       | • 0     |              |           |          | 429          |               |             |           |
| 84/ 83             |              |       |         | • 1         | 1.3   | 2.0        | 1.3     |                | 1.4     | . 8     |                                                  | • 4      | . 1     |         | • 0          |           |          | 282          |               |             |           |
| 82/ 81             |              |       | • 1     | • 4         | 1.3   | 1.2        | 1.0     |                |         | • 6     |                                                  | . 3      | . 1     |         |              |           |          | 218          | 218           |             |           |
| 80/ 79             |              | • 0   | • 4     | • 9         | • 9   | • 5        | • 4     |                |         | • 4     |                                                  |          |         |         |              |           |          | 157          | 157           | 33          |           |
| 78/ 77             |              | . 3   | • 5     | 7           | . 5   | <u>.</u> 5 | • 6     | • 3<br>• 3     | , 4     | . 4     | •0                                               | • 1      |         |         |              |           |          | 139          |               |             |           |
| 76/ 75             | i            | • 5   |         | • 3         |       | • 3        | . 2     | . 3            |         | . 3     |                                                  | 1        |         |         |              |           |          | 114          |               |             |           |
| 74/ 73             | •0           | • 2   |         | 3           |       | • 2        | • 2     |                | • 2     | • 1     | •0                                               |          | 0       |         |              |           |          | 61           | 63            |             |           |
| 72/ 71             | •0           | • 2   |         | • 2         | • 2   | • 2        |         |                | • 0     | • 0     |                                                  | • 0      |         |         |              |           |          | 40           |               |             |           |
| 70/ 69             | . 1          | • 4   |         | • 2         | • 1   | • 2        |         | •0             | • 1     |         |                                                  |          |         |         |              |           |          | 39           |               |             | 509       |
| 68/ 67             | • 0          | • 2   | •0      | • 2         | • 1   | • 1        |         | • 0            | • 0     | • 0     |                                                  | i l      |         |         |              |           |          | 25           |               |             |           |
| ú6/ 65             |              | • 2   |         | • 1         | • 1   | -1         |         |                |         |         |                                                  |          |         |         |              |           |          | 11           |               |             |           |
| 64/ 63             |              | • 1   | • 1     |             |       |            | •0      |                |         |         | l                                                |          |         |         | İ            |           | i        | 5            |               |             |           |
| 62/ 61             |              | • 1   | • 2     |             |       |            |         |                |         |         |                                                  |          |         |         |              |           |          | 8            |               |             |           |
| 60/ 5°             |              | • 1   |         | • 0         |       |            |         |                |         |         |                                                  |          | 1       |         |              |           |          | 3            | 3             |             |           |
| 58/ 57             |              |       |         |             |       |            |         |                |         |         |                                                  |          |         |         |              |           |          |              |               | 28          |           |
| 56/ 55             |              |       |         |             |       |            |         |                |         |         | ì                                                |          |         |         |              |           |          |              | ľ             | 15          |           |
| 54/ 53             |              |       |         |             |       |            |         |                |         |         |                                                  |          |         |         |              |           |          |              | <del> </del>  |             | 80        |
| 52/ 51             |              |       |         |             |       |            |         |                |         |         | l                                                |          |         |         | 1            |           |          |              |               | ٦           | 69        |
| 50/ 49             |              |       |         |             |       |            |         |                |         |         | <b> </b> -                                       |          |         |         |              |           |          |              |               | 3           | 38        |
| 48/ 47             |              |       |         |             |       |            |         |                |         |         | l                                                | li       |         |         |              |           |          |              | l             |             |           |
| 46/ 45             |              |       |         |             |       |            | ļ       |                | <b></b> |         | <del> </del>                                     | <b> </b> |         |         |              |           | <u> </u> |              |               | <del></del> | 20        |
| 44/ 43             |              |       |         |             |       |            | İ       |                |         |         |                                                  |          |         |         |              |           |          |              |               | 1           | 12        |
| 42/ 41             |              |       |         |             |       |            |         |                |         |         | <del>                                     </del> |          |         | ļ       | <del></del>  |           |          | <del> </del> | <del> </del>  |             | 15        |
| 40/ 39<br>  38/ 37 |              |       |         |             |       |            |         |                |         |         |                                                  |          |         |         |              |           |          |              | 1             |             |           |
| 36/ 35             |              |       | <b></b> |             |       |            | ļ       |                |         |         | <del> </del>                                     |          |         |         |              |           | <u> </u> |              | <del> </del>  |             | 2         |
| 34/ 33             |              |       |         |             |       |            |         |                |         |         |                                                  |          |         |         |              |           |          |              |               | l           | 2         |
| Element (X)        |              | EX2   | l,      | ļļ          | z x   |            | X       | ₩ <sub>Z</sub> | ╙┯╜     | No. Ol  | <u>.                                    </u>     | L        |         |         | Waaa N       | 10 AS 11. |          | Tempero      | I             |             |           |
| Rel. Hum.          |              | ~X.   |         |             | - X   |            | λ       | - · · ·        |         | 140. 01 | **                                               | ± 0 1    |         | 32 F    | × 67         |           | 73 F     | ≥ 80 F       | 2 93          | E           | Total     |
| Dry Bulb           |              |       |         |             |       |            |         | <del> </del>   |         |         |                                                  | 0 1      |         | 32 5    | 207          |           | 13 F     | - 00 F       | - 43          |             | 10/01     |
| Wet Bulb           | <del> </del> |       |         |             |       | _          |         | <del> </del>   |         |         |                                                  |          |         |         |              |           |          | <u> </u>     |               | -           |           |
| Dew Point          |              |       |         | <del></del> |       |            |         |                |         |         |                                                  |          |         |         | <del> </del> |           |          | <del> </del> | <del>- </del> | <del></del> |           |
|                    | l            |       |         |             |       |            |         | <u> </u>       |         |         |                                                  |          |         |         | L            |           |          |              |               |             |           |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RANDOLPH AFB TEXAS/SAN ANTONIO

### **PSYCHROMETRIC SUMMARY**

YEARS 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-13 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 32/ 31 30/ 29 28/ 27 22/ 21 TOTAL 8.411.213.916.114.8 9.9 5.9 3.4 3.4 5.7 3231 3228 .2 2.3 2.8 1.4 3228 3228 734831 734831 Element (X) Mean No | Hours with Temperature 165749 277313 230824 51,314,979 85.8 6.426 71.5 4.792 64.5 7.371 267 F = 73 F = 80 F = 93 F 89 . 2 86 . 4 76 . 1 10 . 6 3228 Rei. Hum. ⊈ 32 F ≤ 0 F 2: /34843 16579596 3231 3228 99.7 86.4 76.2 48.0 Dry Bulb 10.6 90 90 Wer Bulb Dew Point 13612598 208268 3228 90 45.1

3P, 40-74

0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO SEP 38,40-74 PAGE 1 1500-1700 HOURS (L. S. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B./W.B. Dry Butb | Wet Bulb | Dew Point 102/101 . 1 .0 • 0 100/ 99 15 13 98/ 97 1.0 91 91 • 3 • 1 96/ 95 1.3 234 234 94/ 93 3.2 2.2 2.5 339 .6 2.2 339 • 2 1.0 . 0 • 1 92/ 91 3.2 400 401

STEC.

3.3 .1 . 7 90/ 89 2.3 426 426 2.4 1.9 3.0 88/ 87 1.4 1.5 .0 392 392 1.5 86/ 85 . 4 2.4 2.3 343 1.3 , 3 343 • 9 84/ 83 207 207 82/ 81 • 2 . 8 1.1 78 .5 164 184 • 2 80/ 79 1.0 184 184 78/ 77 . 6 168 112 112 • 6 • 2 • 0 • 2 • 3 • 1 • 1 76/ 75 109 • 2 106 534 53 135 74/ 73 730 • 5 • 2 70 . 1 70 72/ 71 .0 . 2 .0 .0 40 40 537 280 . 0 70/ 69 34 382 • 5 .0 34 413 • 2 • 2 68/ 67 15 15 240 447 .0 66/ 65 • Õ . 1 8 165 417 R 64/ 63 134 321 • Oi 62/ 61 • 0 8 97 • 1 • 1 246 f0/ 59 • 0 191 87ز 57 25 171 56/ 55 12 150 54/ 53 93 52/ 51 50/ 49 67 48/ 47 46/ 45 45 44/ 43 29 42/ 41 24 40/ 39 13 38/ 37 14 34/ 33 Element (X) Z x2 No. Obs. Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Buib Dew Point

PREVIOUS C 3 ಠ ന 0-26 C. AND

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RANDULPH AFB TEXAS/SAN ANTONIO

#### **PSYCHROMETRIC SUMMARY**

SEP

1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bult | Dew Point 32/ 31 30/ 29 2 28/ 27 14/ 13 ī 7.710.212.21.2.813.911.0 6.4 3.4 1.1 TOTAL 3.0 3.6 3.9 4.4 5.5 3230 3226 3226 3226 No. Obs. Mean No. of Hours with Temperature Element (X) 48.815.995 157348 Rel. Hum. 8606094 3226 1 32 F ≥ 67 F ≥ 73 F ≥ 80 F 86.8 6.934 71.2 4.653 Dry Bulb 24489967 280359 3230 89.2 86.7 19.0 90 76.3 43.8 90 229835 16444319 3226 76.2 Wet Bulb Dew Point 13192432 204802 63.5 7,688 3226 37.4 90

energy and a

38,40-74

DRM 3-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **PSYCHROMETRIC SUMMARY**

| 12911 |          | R | ANDOL | PH A  | FB T  | EXAS     | /SAN   | ANT     | ONIO    |         | 38,     | 40-7    | 4       |         |          |         |         |      |            |            |          | EP                 |
|-------|----------|---|-------|-------|-------|----------|--------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|------|------------|------------|----------|--------------------|
| STATI | ON       |   |       |       | S     | TATION N | AME    |         |         |         |         |         |         |         | YE       | ARS     |         |      | PAG        | E 1        | 1800     | -2000<br>L. s. t.) |
| Temp  |          |   |       |       |       |          | WET    | BULB    | TEMPER  | ATURE   | DEPRE   | SSION   | (F)     |         |          |         |         |      | TOTAL      |            | TOTAL    |                    |
| (F)   | Ī        | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26  | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B.  | Dry Bulb   | Wet Bull | Dew Point          |
| F ,   | 99<br>97 |   |       |       |       |          |        |         |         |         |         |         | .0      | •0      | •0<br>•1 | .0      |         |      | 1 5        | 1<br>5     |          |                    |
| 96/   | 95<br>93 |   |       |       |       |          |        |         |         | .1      | .0      | .1      | .2      | •1      | •1       | .1      |         |      | 17<br>48   | 17<br>48   |          |                    |
| 92/   | 91<br>89 |   |       |       |       |          | .0     | •0      | 1.0     | 1.6     | 1.0     | .9      | 1       | •2      | •0       | •0      |         |      | 108<br>197 | 108<br>197 |          |                    |

| (F)         | 0        | 1 - 2    | 3 - 4    | 5 - 6 | 7 - 8          | 9 - 10 | 11 - 12 | 13 - 14    | 15 - 16  | 17 - 18  | 19 - 20                                      | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31      | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
|-------------|----------|----------|----------|-------|----------------|--------|---------|------------|----------|----------|----------------------------------------------|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|-----------|
| 1.00/ 99    |          |          |          |       |                |        |         |            |          |          | <u> </u>                                     |          |          | •0       |          |          | 1         | 1         | 1        |          |           |
| 98/ 97      |          |          |          |       |                |        |         |            |          |          | l                                            | •0       | • (      | ) e 1    | •0       | İ        |           | 5         | 5        |          |           |
| 96/ 95      |          |          |          |       |                |        |         |            |          | .0       | .1                                           | . 2      | • 1      |          |          |          |           | 17        | 17       |          |           |
| 94/ 93      |          | 1        |          |       | 1              |        |         |            | • 1      | . 2      | .4                                           | .3       | .4       | .0       | .1       | 1        | 1         | 48        | 48       | 1 1      | l         |
| 92/ 91      |          |          |          |       |                | •1     | •0      | •1         | • 4      | 1.0      | .9                                           | .6       | • 2      | . 0      | •0       |          | 1         | 108       |          |          |           |
| 90/89       |          | ]        |          |       |                | • 0    | • 3     | 1.0        | 1.6      | 1.5      | . 8                                          |          |          | .1       |          |          |           | 197       | 197      |          |           |
| 88/ 87      |          |          |          |       | • C            | • 2    | . 8     |            |          |          | <del></del>                                  | • 2      |          | 2        | •0       |          | 1         | 256       | 256      |          |           |
| 86/ 85      |          | ļ        |          | • 1   | . 4            | 1.9    | 2.8     | 2.6        | 1.9      | 1.1      | .7                                           | .3       |          | .0       | ]        |          | 1         | 383       | 384      |          |           |
| 84/ 83      |          |          |          | • 4   | 1.4            | 3.3    | 2.2     | 1.5        | 1.1      |          | .2                                           | • 2      | , ]      | •0       |          |          |           | 359       | 359      |          |           |
| 82/ 81      |          |          | • 2      |       | 2.7            | 2.2    | 1.6     | . 9        |          | . 8      |                                              |          |          |          |          |          |           | 359       | 350      |          |           |
| 80/ 79      | •0       | •0       | 1.0      |       |                | 1.5    | • 9     | 1.2        | 1.0      | ) .7     |                                              | •1       | • (      |          |          |          | 1         | 394       | 394      |          |           |
| 78/ 77      |          | .4       | 1.4      | 2.7   | 1.6            |        | .7      | • 9        | • 7      | 7 .4     | . 2                                          | 0        |          | .0       | 1        |          |           | 321       | 321      |          |           |
| 76/ 75      | .1       | 1.7      |          |       | . 4            | • 8    | , 5     | • /        | • 2      | 2        | .1                                           | •0       |          | T        |          |          | 1         | 264       | 254      |          |           |
| 74/ 73      | .1       |          |          |       |                |        |         | • 5        | • 2      |          |                                              |          |          | İ        | 1        |          | 1         | 161       |          |          |           |
| 72/ 71      | . 1      |          | . 8      |       | .4             | • 3    | • 5     | • 2        | • 2      | 2 .1     |                                              | i        |          |          |          |          |           | 138       | 1:33     |          | 394       |
| 70/ 69      | • 1      |          |          |       |                | • 5    | .1      | • 2        | • 2      |          | <u> </u>                                     |          |          | <u> </u> |          | L        | <u> </u>  | 88        | 8.3      |          |           |
| 68/ 67      | • 1      | • 4      | • 4      | • ?   | • 3            |        |         | .1         | • (      | 0        | )                                            |          |          |          |          |          |           | 59        | 60       |          |           |
| 66/ 65      |          | • 1      |          | . 1   | • 1            | .1     | • 1     |            | •(       | <u> </u> | <u>                                     </u> | <u> </u> |          | 1        |          |          | !         | 18        | 18       |          |           |
| 64/ 63      |          | • 2      |          | • 1   | • 1            | • 1    |         |            | • (      |          | Ī                                            | 1        |          |          | [        |          |           | 20        | 20       |          |           |
| 62/ 61      |          | • 1      |          |       | ]              | •0     | • 0     |            |          | <u></u>  | <u> </u>                                     |          |          | <u> </u> | L        |          | <u>i</u>  | 4         | 4        |          |           |
| 60/ 59      | .1       | . 1      | • 0      | •0    | • 1            |        | • 0     |            |          |          |                                              |          |          |          |          |          |           | 12        |          |          | 183       |
| 58/ 57      |          | • 1      |          |       |                | . 1    |         |            |          |          |                                              |          |          |          |          |          |           | 10        | 10       |          |           |
| 56/ 55      |          | i        | •0       |       |                |        | i       |            |          |          | 1                                            | 1        |          |          | 1        |          | 1         | 1         | 1        | 27       | 128       |
| 54/ 53      | L        | <u> </u> |          |       |                |        |         |            |          |          | <u></u>                                      | <u> </u> |          |          | <u> </u> |          | 1         |           |          | 20       |           |
| 52/ 51      | 1        | ĺ        |          |       |                |        |         |            | 1        | i        | 1                                            | 1        |          | į        | İ        |          | 1         |           |          | 8        |           |
| 50/ 49      | <u> </u> | L        | <u> </u> |       |                |        |         |            |          |          |                                              |          |          | <u> </u> |          | <u> </u> | <u> </u>  |           |          | 3        |           |
| 48/ 47      | Ì        | 1        |          |       | <b>i</b>       |        |         | 1          | 1        | 1        | 1                                            | i        |          | i        | ŀ        |          | 1         |           |          | 3        |           |
| 46/ 45      |          | <u> </u> | <u> </u> |       |                |        |         |            |          |          | <u> </u>                                     |          |          |          |          |          | 1         |           |          |          | 44        |
| 44/ 43      |          |          |          |       |                |        |         |            |          |          |                                              | _        |          |          |          |          | 1         |           |          | i I      | 27        |
| 42/ 41      |          |          |          |       |                |        |         | L          |          | <u> </u> |                                              |          |          | <u> </u> |          |          |           |           |          | I        | 16        |
| 40/ 39      |          |          |          |       |                |        |         |            |          |          |                                              |          |          |          |          |          |           |           | i        |          | 10        |
| 38/ 37      | L        |          |          |       |                |        |         |            |          | <u> </u> | <u></u>                                      |          |          |          |          |          |           |           | L        |          | 4         |
| 36/ 35      |          |          | i        |       |                |        |         |            |          |          |                                              |          |          |          | }        |          | 1         |           |          |          | 6         |
| 34/ 33      |          | <u> </u> | <u> </u> |       |                |        |         |            | <u> </u> |          | <u> </u>                                     | <u></u>  | <u> </u> | <u></u>  |          |          | <u> </u>  | 1         | L        | 1        | 4         |
| Element (X) |          | Zχ'      |          |       | z <sub>X</sub> |        | X       | <b>"</b> g |          | No. 0    | bs.                                          |          |          |          | Mean I   | No. of H | lours wit | h Tempera | ture     |          |           |
| Rel. Hum.   |          |          |          |       |                |        |         |            |          |          |                                              | ≤ 0      | F        | s 32 F   | ≥ 67     | F .      | ≥ 73 F    | > 80 F    | 2 93     | F        | Total     |
| Dry Bulb    |          |          |          |       |                |        |         |            |          |          |                                              |          |          |          |          |          |           |           |          |          |           |
| Wet Bulb    |          |          |          |       |                |        |         |            |          |          |                                              |          |          |          |          |          |           |           |          |          |           |
| Dew Point   |          |          |          |       |                |        |         |            | T        |          |                                              |          |          |          |          |          |           |           |          |          |           |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-3 (OL A)

RANDOLPH AFB TEXAS/SAN ANTONIU 38,40-74

STATION NAME

### **PSYCHROMETRIC SUMMARY**

SEP

1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. 32/ 31 22/ 21 TUTAL 3224 7.816.810.512.611.312.310.5 8.1 5.0 2.9 1.3 3227 • 2 3223 3223 Element (X) ZX' ZX No. Obs. Mean No. of Hours with Temperature 12424931 21237201 192047 260925 59.617.454 80.9 6.579 3223 3227 Rel. Hum. . 80 F 10 F 267 F 273 F s 32 F • 93 F 90 RO . 2 88.2 54.7 2.0 Dry Bulb 69.9 5.125 3273 73.0 15815894 225170 69.9 90 Wet Bulb 90 13479401 206977 64.2 7.713 •0 Dew Point 44.1 7.0

THIS FORM ARE OBSOLETE PREVIOUS EDITIONS OF 7

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0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38,40-74

STATION STATION NAME YEARS

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL

| Temp.                    |                                                  |                 |          |         |                        |             | BULB T     |         |               |          |                |          |          |              |          |              |                | TOTAL     |                    | TOTAL        |           | ] |
|--------------------------|--------------------------------------------------|-----------------|----------|---------|------------------------|-------------|------------|---------|---------------|----------|----------------|----------|----------|--------------|----------|--------------|----------------|-----------|--------------------|--------------|-----------|---|
| (F)                      | <u>:</u>                                         | 1 - 2           | 3 - 4    | 5 - 6   | 7 - 8                  | 9 - 10      | 11 - 12    | 13 - 14 | 15 - 16       | 17 - 18  | 19 - 20        | 21 - 22  | 23 - 24  | 25 - 26      | _        | 29 - 30      | <b>≥</b> 31    | D.B./W.B. | Dry Bulb           | Wet Bulb     | Dew Point | 1 |
| 96/ 95                   |                                                  |                 |          |         | - 1                    |             |            | - 1     |               |          |                |          |          |              | •0       |              |                | 1)        | 1                  | }            |           | ļ |
| 92/ 91                   |                                                  |                 |          |         |                        |             |            |         |               |          | .0             |          |          |              |          |              |                |           |                    |              |           | 4 |
| 90/ 89                   |                                                  | ! !             |          |         |                        |             | ۱, ا       | • 1     | ,             | .0       | .0             |          |          |              |          |              |                | , 4       | 12                 |              |           | ı |
| 88/ 87<br>86/ 85         |                                                  | !               |          |         |                        |             | • <u>4</u> | . 2     | • 1           | • 1      |                |          |          |              |          |              |                | 13<br>52  | 13<br>52           | ļ            | ļ         | 4 |
|                          |                                                  | i i             | i I      | 2       | • 9                    | 2           | 1 3        | • 4     | • 3           |          | •0             |          |          |              |          |              |                | 153       | 153                |              | į         |   |
| 84/ 83<br>82/ 81         |                                                  |                 |          | - 2     | - <u>4-7</u>           |             |            | • 7     | .2            |          | -0             | •0       | •0       |              |          |              |                | 279       | 280                |              |           | 1 |
| 80/ 79                   |                                                  | .3              | 2.2      | 4.7     | 3.7                    | 1.7         | 1.7        | .7      | . 2           |          | • 1            | ١,       | • 0      | İ            |          |              |                | 470       | 470                | 4            | Ì         | ı |
| 787 7                    |                                                  | - 9             |          | 5.2     | 2.2                    | .8          |            | • 7     | . 2           |          | •1             | •1       |          | ļ            |          |              |                | 517       | $-\frac{710}{518}$ |              |           | ┨ |
| 76/ 75                   | . 1                                              |                 |          |         | 1.7                    | 1.4         |            | 7       | . 1           | 1        | .1             |          |          |              |          |              |                | 557       | 557                |              | 73        | ١ |
| 74/ 75                   | • 1                                              |                 |          | 1.,     | 1.0                    | - 9         |            | • 3     | • 2           |          | .0             |          |          |              |          |              |                | 362       | 363                |              |           | ┨ |
| 72/ 71                   | . 2                                              |                 |          | 7       | 1.1                    | .7          |            | i       | .3            |          |                |          |          | ļ            |          |              |                | 253       | 253                |              |           | ١ |
| 70/ 69                   | • 1                                              |                 |          |         |                        | - , 9       |            | . 2     | • 2           |          | - · ·          |          |          |              |          |              |                | 171       | 171                |              |           | 1 |
| 68/ 67                   | . l                                              |                 |          | .7      | . 5                    | .4          |            | . 2     | . 1           |          |                |          |          | l            |          |              |                | 146       | 146                |              |           | l |
| 66/ 65                   | • 1                                              |                 |          |         |                        | • 3         |            | • 2     | •0            |          |                |          |          | <u> </u>     |          |              |                | 98        | 100                |              |           | 1 |
| 64/ 63                   |                                                  | .3              |          |         |                        | . 1         |            | . 1     | •0            |          |                |          |          | 1            |          |              |                | 54        | 54                 |              |           | ı |
| 62/ 61                   |                                                  | • 2             |          |         |                        | • 2         |            | • 1     |               | i        |                |          |          |              |          |              |                | 27        | 38                 | 144          | 163       | 1 |
| 60/ 59                   | . 1                                              | 1 .             |          | . 2     | . 2                    |             |            |         |               |          |                |          |          | •            |          |              | j l            | 24        | 24                 | 124          |           | ١ |
| 58/ 57                   |                                                  | . 2             |          | • 1     | , ]                    |             |            |         |               |          |                |          |          |              | l        |              |                | 21        | 21                 | 91           | 112       | 1 |
| 56/ 55                   |                                                  | .0              |          |         |                        | .1          |            | - 1     |               | 1        | 1              |          |          |              |          |              | ļ              | ρ         | _ 8                |              |           |   |
| 54/ 53                   |                                                  |                 | • 1      | . 1     |                        | •0          |            |         |               |          |                |          |          |              |          |              | l              | 5         | 5                  | 35           |           | 1 |
| 52/ 51                   |                                                  | L               |          |         |                        |             |            |         |               | l        | L              |          |          | L            | l        |              |                |           |                    | 20           | 77        | 1 |
| 50/ 49                   | -                                                |                 | -        |         |                        |             |            |         |               | i        | ,<br>!         |          |          |              |          |              |                |           |                    | 10           |           | 1 |
| 48/ 47                   |                                                  | <u></u>         | <u> </u> |         |                        |             | <u> </u>   | l       |               | <u> </u> |                | <u> </u> |          | <u>.</u>     |          |              |                |           |                    | 7            | l         |   |
| 46/ 45                   |                                                  | 1               |          |         |                        |             |            | - 1     |               | İ        |                | ł        |          | [            | i        |              |                |           |                    | 3            |           | ı |
| 44/ 43                   |                                                  | <u> </u>        |          |         |                        |             |            |         |               |          |                | <u> </u> |          |              | <u> </u> |              |                |           |                    | 1 1          | 19        | 1 |
| 42/ 41                   | ì                                                | ĺ               | 1        |         |                        |             |            | Ì       |               |          |                |          |          | 1            |          | Ì            |                |           |                    | ŀ            | 15        |   |
| 40/ 39                   |                                                  | <del> </del> -  |          |         |                        |             |            |         |               |          |                | ļ        |          |              | <u> </u> | <u> </u>     |                |           |                    | ļ            | 5         | 4 |
| 38/ 37                   |                                                  | !               |          |         |                        | ļ           |            |         |               |          | 1              |          |          |              | 1        |              |                |           |                    | l            | 1 7       | 1 |
| 36/ 35                   | <u> </u>                                         | <del> </del>    |          |         |                        |             |            |         |               |          | <del> </del>   |          |          | <u> </u>     | <u> </u> | <u> </u>     | ļ              |           |                    | <del> </del> | 7         | 4 |
| 34/ 33                   |                                                  | 1               |          | \       |                        |             | <b>\</b>   |         |               | 1        |                |          | 1        | 1            | <u> </u> | 1            | ļ              |           |                    | 1            | 2 5       |   |
| 32/ 31                   | 1 7                                              | 1 2 3           | 21 -     | 21-1    | 14 3                   | 11 6        |            | 7. 6    | 2 2           | -        | <del> </del> _ |          | ļ,       | <del> </del> | <u> </u> | <del> </del> | <del>]</del> _ |           | 3232               |              | 3226      |   |
| TOTAL                    | 1.0                                              | 12606           | (10)     | 41.1    | 10.6                   | 1102        | 8.1        | 7.7     | 2.3           | • 7      | .5             | •1       | •0       | 1            | •0       | ļ            | 1              | 3226      |                    | 3226         |           |   |
| Ela-1-1 (V)              | <del>                                     </del> | Σχ <sup>2</sup> | <u></u>  |         | Z <sub>X</sub>         | <del></del> | ـــــا     |         | Ь             | No. O    | <u></u>        | <u> </u> | <u> </u> | L            | l        | 1            |                | Temperat  |                    | 1 2560       | I         | ┨ |
| Element (X)<br>Rel. Hum, |                                                  |                 | 2462     |         | <del>2 x</del><br>2340 | BO          | 72.6       | 14.7    | 07            |          | 26             | ≤ 0      |          | ≤ 32 F       | 1/ean 1  |              | 73 F           | ≥ 80 F    | ≥ 93               | <u> </u>     | Total     | 1 |
| Dry Bulb                 |                                                  |                 | 2149     |         | 2435                   |             | 75.3       | 5.6     | <del>51</del> |          | 32             |          | -        | - 34 1       | 1        |              | 47.2           |           |                    | .0           | 90        | ۲ |
| Wet Bulb                 | <del>                                     </del> |                 | 3808     |         | 2219                   |             | 68.8       |         |               |          | 26             |          | -+       |              |          |              | 27.3           |           | <del>-</del>       | <del></del>  | 90        |   |
| Dew Point                |                                                  |                 | 3770     |         | 2107                   |             | 65.3       |         |               |          | 26             |          |          | • 1          |          | .8           | 11.0           |           |                    |              | 90        |   |
| 244 1 01111              | <u> </u>                                         | 1970            | 7110     | <u></u> | 401                    | 1 0         | 000        | 101     | 201           | 26       | <u> </u>       |          |          | 9.1          | <u> </u> | • 0          | 1110           |           |                    |              |           | _ |

#### PSYCHROMETRIC SUMMARY:

| 12911   | <u>RA</u> | NOOL     | PH A     |               |          |          | ANT     | ONIO     |         | 38-      | 74       |          |          |          |          | ·=·      |          |           |          | <u></u> 0( |           |
|---------|-----------|----------|----------|---------------|----------|----------|---------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|------------|-----------|
| STATION |           |          |          | 51            | ATION NA | AME      |         |          |         |          |          |          |          | YE       | ARS      |          |          |           |          | MON        |           |
|         |           |          |          |               |          |          |         |          |         |          |          |          |          |          |          |          |          | PAG       | 1        | HOURS (L   | -0200     |
| Temp.   | 1         |          |          |               |          | WET      | BULB 1  | EMPER    | ATURE   | DEPRE    | SSION    | (F)      |          |          |          |          |          | TOTAL     |          | TOTAL      |           |
| (F)     | 0         | 1 2      | 3 - 4    | 5 - 6         | 7 - 8    | 9 - 10   | 11 - 12 | 13 - 14  | 15 - 16 | 17 - 18  | 19 - 20  | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31     | D.B./W.B. | Dry Bulb | Wet Buib   | Dew Point |
| 80, 79  | 7         | i        | .3       | • 1           |          |          |         |          | l       |          |          | i        |          |          |          |          |          | 11        | 11       |            |           |
| 78/ 77  | 7         | 1.1      | 1.6      | • 1           | • 1      |          | • 0     |          | }       |          |          | }        |          | ]        | 1        | ]        |          | 96        | 96       |            |           |
| 76/ 75  | 5 .1      | 2.1      | 3.1      | • 2           | • 1      | •0       | •0      |          | .0      |          |          |          |          | 1        | 1        |          |          | 195       | 195      | 69         | 18        |
| 74/ 73  | 3 .2      | 3.1      | 2.6      |               | • 2      | • 1      | • 1     | . 1      | .0      | 1        |          | 1        | ţ        | ļ        | ļ        |          |          | 238       | 239      | 172        | 131       |
| 72/ 71  | . 5       | 3.3      | 2.8      | • 8           | .3       | •2       | • 2     | .1       | .1      |          |          |          |          | i        | 1        |          |          | 284       | 284      | 243        | 221       |
| 70/ 69  | 3         | 3.8      | 3.3      | 1.2           | .6       |          |         | .1       | . 2     | .1       |          |          |          |          |          |          |          | 355       | · 55     | 222        | 223       |
| 68/ 6   | 7 .3      | 4.0      | 4.0      |               | 1.0      | .6       | • 3     | • 3      |         | . 1      |          |          |          |          |          |          |          | 414       | 417      | 268        | 240       |
| 66/ 6   | 5 .2      | 3.2      | 3.3      | 1.2           | . 9      | .4       | • 4     | .1       | .1      | .0       |          | l        |          |          | <u> </u> |          |          | 735       | 335      | 315        | 236       |
| 64/ 63  | 3 .2      | 2.0      | 2.3      | 1.2           | • 9      | . 4      | .4      | . 1      | - 1     |          | 1        | T        |          |          | 1        |          |          | 258       | 258      | 304        | 259       |
| 62/ 61  | 1) .2     | 2.2      | 1.4      | 1.2           | . 9      | .6       |         | .0       | Ì       | )        |          | Ì        | Ì        | 1        | ]        | <u>.</u> | _        | 239       | 241      | 221        | 261       |
| 60/ 59  | 9 .1      | 1.9      | 1.3      | 1.5           | 1.1      | •7       | .5      | .0       |         | 1        |          | Г        |          | ]        |          |          |          | 239       | 239      | 283        | 198       |
| 58/ 5   | 7 .1      | 1.3      | 1.3      | 1.3           | .9       | . 4      | . 2     |          |         |          |          |          | L        | <u> </u> | <u> </u> | <u> </u> |          | 185       | 187      | 200        | 208       |
| 56/ 5   | 5         | .9       | 1.0      | 1.2           | •6       | • 4      | • 1     | 4.0      | 1       |          |          |          |          | ĺ        | [        |          |          | 148       | 148      | 200        | 174       |
| 54/ 53  | 3 .1      | . 9      | 1.3      | .6            | . 4      | .4       | 1       | .1       |         | i        |          |          | <u> </u> | <u> </u> | ļ        |          |          | 134       | 134      | 197        | 160       |
| 52/ 5   | 1 .0      | 1.0      | 1.0      | .7            | • 6      | •0       | • 1     |          |         |          | l        |          |          | ĺ        |          |          |          | 116       | 121      | 189        | 140       |
| 50/ 49  | n         | .6       | .5       | .5            | .2       | ,1       | .1      |          | L       | <u> </u> | <u> </u> |          |          | ļ        | <u>.</u> |          |          | 65        | 65       | 178        | 1,58      |
| 48/ 4   | 7         | .3       | .7       | • 3           |          | .1       | •0      |          |         |          |          |          |          |          |          |          |          | 49        | 50       | 119        | 165       |
| 46/ 4   | 5         | .2       | .2       | .2            | .0       | .1       | }       | ]        | l       | ] _      |          | ]        |          | l        |          | <u>l</u> |          | 22        | 24       | 95         | 138       |
| 44/ 4   | 3         | •1       | •1       | .0            |          | 0        |         |          |         |          |          |          |          | Ī        |          |          |          | 8         | 8        | 65         | 111       |
| 42/ 4   | 1         | .0       | .2       |               |          | <b>.</b> |         | L        |         |          |          | J        | L        |          | <u> </u> | <u> </u> |          | 7         | 7        | 30         | 92        |
| 40/ 39  | 9         | .0       | • 2      |               |          |          |         |          |         |          |          |          |          |          |          |          |          | 7         | 7        | 18         | 74        |
| 39/ 3   | 7         | .1       | .0       |               |          |          |         | <u> </u> |         | <u></u>  |          |          | <u> </u> | <u> </u> |          | <u></u>  |          | 4         | 4        | 12         | 66        |
| 36/ 3   | 5         |          | 1        |               |          |          |         |          |         |          |          |          | I        |          |          | }        |          |           |          | 10         | 55        |
| 34/ 33  | 3         | <u> </u> | <u>L</u> |               |          |          |         | <u> </u> |         |          |          |          |          |          | <u></u>  | l        |          |           |          | 1          | 33        |
| 32/ 3   | 1         |          | T        |               |          |          |         |          |         |          |          |          |          |          |          | 1        |          |           |          |            | 16        |
| 30/ 29  | 9         | ł        | L        |               |          |          |         |          | <u></u> | ·        |          | <u> </u> | <u> </u> | <u> </u> | <u>L</u> | <u> </u> | <u> </u> |           |          |            | 8         |
| 28/ 2   | 7         |          | <u> </u> | . <del></del> |          |          |         |          |         |          | ]        |          |          |          |          |          |          |           |          |            | 5         |
| 26/ 21  | s         | i        |          | I             |          | l        | 1       | ł        | 1       |          | 1        | 1        |          | 1        | 1        |          | }        |           |          | <b>!</b>   | 10        |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-3 (OL A)

26/ 25 24/ 23 22/ 21

20/ 19 18/ 17 TOTAL

Element (X)

Dry Bulb

Wet Bulb

Dew Point

O SE NOTE O

15

78.914.987 64.6 7.750 60.5 8.737 57.510.959

≥ 67 F

43.4

26.6 22.7

Mean No. of Hours with Temperature

14.7

6.6

≥ 73 F

3425

≥ 93 F

4

3

3411

93

03

93

269143 221260

206404

196088

2.331.937.614.6 8.8 5.0 3.4

22002541 14499370

12750082

11682076

≤ 0 F

≤ 32 €

No. Obs.

3411 3425

3411

RANDOLPH AFB TEXAS/SAN ANTONIO

12911

1

OBSOLETE

ARE

THIS FORM

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EDITIONS

PREVIOUS

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0-26-3 0

O O USAFETAC

O

#### **PSYCHROMETRIC SUMMARY**

DCT

STATION STATION NAME YEARS MONTH 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 3 • 4 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 80/ 79 • 0 78/ 77 48 48 767 161 2.6 1.7 161 20 • 3 • 2 4.2 73 220 154 74/ 109 218 72/ 4.8 1.3 246 247 258 246 • 1 .6 3.6 .5 234 213 241 70/ 69 1.6 234 687 67 4.5 2.0 305 309 205 192 66/ 65 5.3 2.3 359 359 261 222 3. 64/ 63 1.9 279 280 273 254 62/ 61 3.4 1.8 . 3 256 238 256 218 278 3.4 59 251 198 607 1.6 1.0 • 2 278 58/ 57 192 192 222 215 1.6 56/ 55 213 214 181 2.1 1.8 163 1.2 53 54/ 1.4 • 0 180 180 217 160 141 52/ 51 1.0 . 8 200 1.3 139 165 128 156 50/ 49 128 212 . 5 48/ 47 59 151 57 162 • 6 46/ 45 63 64 101 178 •0 441 43 . 2 • 3 . 1 22 22 89 120 12 99 41 50 42/ 12 40/ 39 10 10 31 87 38/ 37 60 36/ 35 18 63 33 32 31 32/ 24 30/ 29 10 28/ 27 10 26/ 25 24/ 23 5 22/ 20/ 19 2 16/ 15 14/ 13 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≥ 67 F ≥ 73 F 10 F ± 32 F ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb Dew Point

1. 15

38-74

USAFETAC FORM 0-26-3 (OL -3) PREVIOUS EJITIONS OF THIS FORM ARE OBSOLETE

### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA  | NDOL     | РН А         | FB T           | EXAS  | /SAN                                              | ANT   | <u>0110</u> |                                                  | <u> 38-</u>  | 74      |         |          | YE      | ARS     |          |           |                |          | (1<br>M0        | CT<br>NTH          |
|------------------|-----|----------|--------------|----------------|-------|---------------------------------------------------|-------|-------------|--------------------------------------------------|--------------|---------|---------|----------|---------|---------|----------|-----------|----------------|----------|-----------------|--------------------|
|                  |     |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           | PAG            | E 2      | 0300<br>HOURS ( | -0500<br>L. S. T.) |
| Temp.            |     |          |              |                |       |                                                   |       |             |                                                  | DEPRE        |         |         |          |         |         |          |           | TOTAL          | ļ        | TOTAL           |                    |
| (F)              | 0   | 1 - 2    | 3 - 4        | 5 - 6          | 7 - 8 | 9 - 10                                            | 11 12 | 13 - 14     | 15 - 16                                          | 17 - 18      | 19 - 20 | 21 - 22 | 23 - 24  | 25 - 26 | 27 - 28 | 29 - 30  | ≥ 31      | D.B./W.B.      | Dry Bulb | Wet Bulb        | Dew Point          |
| TOTAL            | 5.0 | 46.4     | 25.6         | 10.8           | 5.7   | 3.8                                               | 1.9   | . 8         | • 1                                              |              |         |         |          |         |         |          | !<br>     | 3411           | 3425     | 3411            | 3411               |
|                  |     |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           |                |          |                 |                    |
|                  |     |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           |                |          |                 |                    |
|                  |     |          | }            |                |       |                                                   |       |             | <del> </del>                                     |              |         |         |          |         |         |          |           |                |          |                 | <del> </del>       |
|                  |     |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           |                |          |                 | <del> </del>       |
|                  |     |          | -            |                |       |                                                   |       |             | <u> </u>                                         |              |         |         |          |         |         |          |           |                | <u> </u> |                 | <del> </del>       |
|                  |     |          |              |                |       |                                                   |       |             | <u> </u>                                         |              |         |         |          |         |         |          | <u> </u>  |                |          |                 |                    |
|                  | ,   |          |              |                |       |                                                   |       |             | <u> </u>                                         |              |         |         | ļ        |         |         |          | <u> </u>  |                |          |                 | <u> </u>           |
|                  |     |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           | _              |          |                 |                    |
|                  | -   |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           |                |          |                 |                    |
|                  |     |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           |                |          |                 |                    |
|                  |     | -        |              | -              |       |                                                   |       |             |                                                  |              |         |         | <u> </u> |         |         |          | $\vdash$  |                |          |                 | <del> </del>       |
|                  |     |          | -            | <u> </u>       |       |                                                   |       |             | <del>                                     </del> | <del> </del> |         |         | <u> </u> |         |         |          | ├─-       |                |          |                 | <del> </del>       |
|                  |     | -        | -            | <b>-</b>       |       |                                                   |       | _           |                                                  | <del> </del> |         |         |          |         |         |          | -         | <del> </del> - | <u> </u> | ļ               | <del> </del>       |
|                  |     | <u> </u> | <del> </del> |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          | ļ         |                | ļ        | ļ               |                    |
|                  |     | <u> </u> |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          | ļ         |                |          | <u> </u>        |                    |
|                  |     |          |              |                |       |                                                   |       |             |                                                  | <br>         |         |         |          |         |         |          |           |                |          |                 |                    |
|                  |     |          |              |                |       |                                                   |       |             |                                                  |              |         |         |          |         |         |          |           |                |          |                 |                    |
|                  |     |          |              |                | T     |                                                   |       |             |                                                  |              |         |         |          |         |         | ĺ        |           |                |          |                 |                    |
| Element (X)      |     | ZX2      |              | <del> </del>   | ZX    | <del>'                                     </del> | X     | · ,         | <del>'</del>                                     | No. OI       | 5.      | •       | <u></u>  |         | Mean    | No. of h | fours wit | h Tempero      | ture     | <u> </u>        | <u></u>            |
| Rel. Hum.        |     |          | 72856        | ,              | 2817  | 64                                                | 82.6  |             |                                                  | 34           |         | ≠ 0     | F        | ± 32 F  | ≥ 57    |          | ≥ 73 F    | - 80 F         |          | F               | Total              |
| Dry Bulb         |     | 1367     | 6836         | <del>-</del> - | 2145  | 68                                                | 62.6  | 8.2         | 79                                               | 34           | 25      |         |          |         | 33      |          | 11.7      |                |          |                 | 93                 |
| Wet Bulb         |     | 1233     | 32639        | 7              | 2026  | 65                                                | 59.4  | 9.2         | 42                                               | 34           | 11      |         |          |         |         | .1       | 5.7       |                |          |                 | 93                 |
| Dew Point        |     | 1148     | 5913         | 3              | 1942  | 09                                                | 56.9  | 11.2        | 09                                               | 34           | 11      |         |          | 1.7     | 22      | .0       | 3.5       |                |          |                 | 93                 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-3 (OL A) P

USAFETAC

## **PSYCHROMETRIC SUMMARY**

| remp.       |                                                  |          |          |       |     |              |              |              |                | ,              |              |               |                |              |              |          |               |               |          |               |           | 4 |
|-------------|--------------------------------------------------|----------|----------|-------|-----|--------------|--------------|--------------|----------------|----------------|--------------|---------------|----------------|--------------|--------------|----------|---------------|---------------|----------|---------------|-----------|---|
| (F)         | 0_                                               | 1 - 2    | 3 - 4    | 5 - 6 |     | 9 - 10       | 11 - 12      |              |                | 17 - 18        | 19 - 20      | 21 - 22       | 23 - 24        | 25 - 26      | 27 - 28      | 29 - 30  | ≥ 31          |               | Dry Bulb | Wet Bulb      | Dew Point |   |
| 80/ 79      |                                                  | • 0      |          | • 0   |     |              |              | • 0          |                |                |              |               |                | İ            | 1            |          |               | 9             | 9        |               |           | l |
| 78/ 77      |                                                  | .7       |          |       |     |              |              |              |                | Ĺ              |              |               |                | <u> </u>     |              |          | <u> </u>      | 67            | 67       |               | 3         | ļ |
| 767 75      | • 1                                              |          |          | • 1   |     | - 1          |              | • 1          |                |                |              |               |                | 1            | ļ            | ļ        | <b>1</b> .    | 176           | 176      |               | 22        | l |
| 74/ 73      | • 4                                              |          |          | • 2   | •1  |              | •0           | -            |                |                |              |               |                |              | ļ            |          |               | 234           | 234      |               | 126       | 1 |
| 72/ 71      | • 4                                              |          |          | • 3   |     | • 1          | • 0          |              |                |                |              | 1             |                | 1            |              |          |               | 229           | 229      |               | 234       | l |
| 70/ 69      | . 8                                              |          | 1.6      | . 8   |     | • 3          | • 1          |              |                |                |              |               |                | <u> </u>     |              |          | <u> </u>      | 295           | 297      |               | 241       | 1 |
| 68/ 67      | • 9                                              | 3.9      |          |       |     | . 2          | • 4          |              |                | ļ              | i            | ļ ;           | <b>.</b>       | ļ            | ļ            |          |               | 299           | 301      | 253           | 248       | ļ |
| 66/ 65      | • 7                                              | 4.5      | 2.0      |       | • 3 | . 4          | • 1          | • 1          | <u> </u>       |                |              |               | ļ              |              |              |          | ↓             | 304           | 306      |               | 187       | 1 |
| 64/ 63      | • 7                                              |          | 1.8      |       |     | • 6          | . 3          | • 1          |                |                | ]            |               |                |              | •            |          | •             | 284           | 284      |               | 246       |   |
| 62/ 61      | • 5                                              | 3.2      | 1.3      |       | • 7 |              | • 3          |              |                | •0             |              |               | <u> </u>       | <u> </u>     |              |          | <u> </u>      | 270           | 271      |               | 203       | l |
| 60/ 59      | • 3                                              |          | 1.6      | . 8   |     |              |              | • 1          |                | 1              | ĺ            |               |                | 1            |              |          | 1             | 258           | 259      |               | 184       | l |
| 58/ 57      | •2                                               | 2.2      | 1.1      | 1.2   | • 8 | • 6          | • 2          |              | <u> </u>       | <u> </u>       |              |               |                | ļ            | Ļ            | <u> </u> | ļ             | 219           | 220      |               | 231       | ļ |
| 56/ 55      | • 2                                              |          |          |       | • 5 | • 3          | • 2          |              |                |                |              |               |                |              |              | ł        |               | 195           | 195      |               | 178       | ı |
| 54/ 53      | .2                                               |          |          |       | • 7 | . 3          | • 1          | •0           |                | ļ              | <u> </u>     |               | ļ              | ļ            |              |          | <del> </del>  | 163           | 163      |               | 153       | ł |
| 52/ 51      | • 2                                              | 1.3      | 1.0      |       | • 4 | • 1          | • 1          |              | ļ .            |                |              |               |                |              |              | Į        |               | 122           | 122      |               | 134       | ı |
| 50/ 49      | • 1                                              |          |          |       |     |              |              | <u></u>      | <b> </b>       | <u> </u>       |              |               |                | ļ            | ļ            |          | ↓             | 128           | 128      |               |           | ļ |
| 48/ 47      | •0                                               |          |          | • 3   | • 2 | • 1          |              | 1            | 1              |                | l            | 1             |                | 1            | l            | İ        | 1             | 62            | 63       |               | 165       | l |
| 46/ 45      |                                                  | • 6      |          | • 3   | •0  | •0           |              | L            |                | <u> </u>       | <u> </u>     |               |                |              | <u> </u>     |          | ļ             | 41            | 41       |               |           | ļ |
| 44/ 43      |                                                  | • 2      |          | • 1   |     | • 0          |              |              | 1              | ļ              |              |               | <b>\</b>       | l            | ļ            |          | 1             | 23            | 23       |               |           | ļ |
| 42/ 41      |                                                  | • 1      | • 1      | •0    | •0  | •0           |              |              | <u> </u>       | <del> </del>   |              |               |                | <u> </u>     |              |          | ↓             | 12            | 12       |               | 91        | ļ |
| 40/ 39      |                                                  | • 2      |          |       |     |              |              | •            | 1              |                |              |               |                |              |              | ļ<br>ī   |               | 8             | 8        |               | 83        | l |
| 38/ 37      |                                                  | _ • 1    | • 1      |       |     |              |              |              |                | <u> </u>       |              | ļ             |                | <u> </u>     | <u> </u>     |          | <del> </del>  | 8             | 8        | 11            | 64        | ł |
| 36/ 35      |                                                  | • 1      |          |       |     |              |              | •            | 1              | ŀ              | 1            |               |                |              | ļ            |          |               | 2             | 2        |               | 67        | l |
| 34/ 33      | •0                                               |          |          |       |     |              |              | <u> </u>     | <u> </u>       | <u> </u>       | <b> </b>     | <del>  </del> | <b> </b>       |              | ļ            |          | <del> </del>  | 1             |          | 9             | 31        | ł |
| 32/ 31      | Ì                                                |          | į į      |       |     |              | ł            | ł            | ł              |                | ĺ            |               | 1              | l            |              |          | ì             |               |          | 1 4           | 2.9       | ı |
| 30/ 29      |                                                  |          |          |       |     |              | ļ            |              | <u> </u>       | <u> </u>       |              | <b> </b>      |                | <u> </u>     |              |          | <del>- </del> | ll            |          |               | 15        | 1 |
| 28/ 27      |                                                  |          |          |       |     |              | ĺ            |              | 1              |                |              | ŀ             | ł              |              |              | ł        | ł             |               | ļ        |               | 13        | I |
| 26/ 25      | <u> </u>                                         |          | <u> </u> |       | -   |              | ļ            |              | <del> </del> - | <del> </del>   | <del> </del> | <del> </del>  | <del> </del> - |              | ļ            |          | <del></del>   |               |          | <del>  </del> | <u>5</u>  | ł |
| 24/ 23      |                                                  |          |          |       |     |              | ļ            |              |                |                |              |               | l              | 1            |              |          |               |               |          |               |           | l |
| 22/ 21      | ļ                                                |          | <u> </u> |       |     | <u> </u>     | <u> </u>     |              | <b>├</b> ─     | <del> </del> - |              | <del> </del>  | <del> </del>   | <b>├</b>     | <del> </del> |          |               |               |          | <del>  </del> | 2         | ł |
| 20/ 19      | 1                                                | ĺ        |          |       |     |              |              |              | 1              | }              | 1            |               |                |              |              |          |               |               | :        |               | 1         | I |
| 18/ 17      | <u> </u>                                         | <b>}</b> | ļ        | ļ     |     | ļ            | <del> </del> | <del> </del> | <del> </del>   | <del> </del>   | <del> </del> | <del></del>   |                | <del> </del> | <del> </del> |          |               | <del>  </del> |          | <del>  </del> | 2         | ł |
| 14/ 13      |                                                  |          |          |       |     | }            |              | 1            | 1              | i              |              |               |                |              |              |          |               |               |          |               |           | ı |
| Element (X) | <del>                                     </del> | Σχ²      | <u> </u> |       | Σχ  | <del>'</del> | X            | · ,          |                | No. O          | ·s.          |               | <u> </u>       | <u></u>      | Mean         | No. of 1 | lours wit     | h Temperat    | nte      | <u> </u>      |           | 1 |
| Rel. Hum.   |                                                  |          |          | i     |     |              |              |              |                |                |              | ± 0           | F              | ≤ 32 F       | ≥ 67         | F        | ≥ 73 F        | ≥ 80 F        | ≥ 93     | F 1           | Total     | 1 |
| Dry Bulb    |                                                  | ,        |          | i     |     | $\dashv$     |              |              |                |                |              |               | $\neg \vdash$  |              | 1            |          |               |               | T        |               |           | 1 |
| Wet Bulb    | <b> </b>                                         |          |          | l     |     |              |              |              |                |                |              |               |                |              |              |          |               |               | 7        |               |           | 1 |
| Dew Point   | 1                                                |          |          | T     |     |              |              |              |                |                |              |               |                |              |              |          |               | 1             |          |               |           | 1 |
|             |                                                  |          |          |       |     |              |              |              |                |                |              |               |                |              |              |          |               |               |          |               |           | - |

RANDULPH AFB TEXAS/SAN ANTONIO
STATION NAME

## **PSYCHROMETRIC SUMMARY**

|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           | PAG       | E 2  | _ <u>U600</u> | -0800<br>L. s. t.)                               |
|--------------|-----|-------|-------|----------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|------|---------------|--------------------------------------------------|
| Temp.        |     |       |       |          |       | WET    | BULB 1  | EMPER   | ATURE   | DEPRE   | SSION ( | F)      |         |         |         |          |           | TOTAL     |      | TOTAL         |                                                  |
| (F)          | 0   | 1 - 2 | 3 - 4 | 5 - 6    | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30  | ≥ 31      | D.B./W.B. |      |               | Dew Point                                        |
| TOTAL        | 5,6 | 44.4  | 24.1  | 11.4     | 6,7   | 4.3    | 2.1     | • 9     | . 3     | •1      |         |         |         | 25 - 26 |         |          |           | 3411      | 3419 | 3411          | 3410                                             |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      | <br>          |                                                  |
|              |     |       |       |          |       |        |         |         | -       |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         | •       |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          | 1         |           |      |               | <del>                                     </del> |
|              |     |       |       |          |       |        |         |         |         |         |         |         |         |         |         |          |           |           |      |               |                                                  |
| Element (X.) |     | Σχ²   |       | $\sqcap$ | ZX    | ·      | X       | €X      |         | No. O   | bs.     |         |         |         | Mean    | No. of I | lours wit | h Tempera | ture |               |                                                  |
| Rel. Hum.    |     | 2357  | 2804  |          | 2788  | 60     | 81.8    | 15.0    | 14      |         | 10      | ± 0     | F       | ≤ 32 F  | ≥ 67    |          | ≥ 73 F    | ≥ 80 F    | × 93 | F             | Total                                            |
| Dry Bulb     |     | 1386  | 2058  | )}       | 2150  | 42     | 63.1    | 8.3     | 08      | 34      | 19      |         |         |         | 35      | .7       | 13.2      |           | 1    |               | 93                                               |
| Wet Bulb     |     | 1244  | 5188  |          | 2036  | 00     | 59.7    | 9.2     | 61      | 34      | 11      |         |         | • 0     | 26      | • 2      | 6,4       |           |      |               | 93                                               |
| Dew Point    |     | 1153  | 37747 | 7        | 1945  | 49     | 57.1.   | 11.3    | 38      | 34      | 10      |         |         | 2.0     |         | 8        | 4.1       |           |      |               | 93                                               |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

C . ...

## **PSYCHROMETRIC SUMMARY**

RANDOLPH AFE TEXAS/SAN ANTONIO STATION NAME OCT MONTH 38-74 3900-1100 HOURS (L. S. T.) PAGE 1

| Temp.         |               |             |              |             |       |                      |           |              | ATURE                                             |          |              |              |              |              |                                                  |          |              | TOTAL                                            |              | TOTAL       |            |
|---------------|---------------|-------------|--------------|-------------|-------|----------------------|-----------|--------------|---------------------------------------------------|----------|--------------|--------------|--------------|--------------|--------------------------------------------------|----------|--------------|--------------------------------------------------|--------------|-------------|------------|
| (F)           | 0             | 1 - 2       | 3 - 4        | 5 - 6       | 7 - 8 | 9 - 10               | 11 - 12   | 13 - 14      | 15 - 16                                           | 17 - 18  | 19 - 20      | 21 - 22      | 23 - 24      | 25 - 26      | 27 - 28                                          | 29 - 30  | ≥ 31         | D.B./W.B.                                        | Dry Bulb     | Wet Bulb    | Dew Point  |
| 90/ 89        |               |             |              |             |       |                      |           |              |                                                   |          |              | • 1          | • 1          | • 0          |                                                  |          | 1            | 6                                                | -            |             |            |
| 88/ 87        |               |             |              |             |       | . 1                  | • 1       | • 2          | 1                                                 |          | .1           | • 0          |              |              |                                                  |          |              | 20                                               |              |             |            |
| 86/ 85        |               |             |              | _1          | _     | • 5                  | • 5       | • 2          |                                                   | • 1      |              | •1           | •0           |              |                                                  |          |              | 53                                               |              |             |            |
| 84/ 83        |               |             |              | • 2         | • 5   | 1.4                  | _ • 7     | • 2          |                                                   | • 2      | .2           | • 1          |              | •0           |                                                  |          |              | 130                                              |              |             |            |
| 82/ 81        |               |             |              | 1.0         | 1.4   | 1.1                  | 1.0       |              |                                                   | • 1      |              | •1           |              |              |                                                  |          |              | 194                                              |              |             |            |
| 80/ 79        |               | • 1         | • 6          | 1.8         | 2.2   | 1.5                  | 1.2       | • 6          |                                                   | .4       |              | • 3          | • 0          |              |                                                  |          |              | 312                                              |              |             |            |
| 78/ 77        |               | • 2         | 1.6          | 2.6         | 2.2   | 1.4                  | 1.3       | • 7          |                                                   |          |              | t .          |              |              |                                                  |          | İ            | 382                                              |              | 13          | 1          |
| 76/ 75        | .0            | • 9         | 2.2          | 2.3         | 1,5   | 1.6                  | . 9       | • 9          |                                                   |          |              | • 1          |              |              |                                                  |          |              | 395                                              |              | 136         | 21<br>37   |
| 74/ 73        | ,             | . 9         |              | 2.0         | 1.3   | 1 • 1                | 1.2       | • 4          |                                                   |          |              | • 1          |              |              |                                                  |          | 1            | 346                                              |              |             |            |
| 72/ 71        | $\frac{1}{3}$ | 1.2         | 1.6          | 1.6         |       |                      |           | 1.0          |                                                   |          |              | •0           |              | <u> </u>     |                                                  |          |              | 299                                              |              |             | 242<br>347 |
| 70/ 69 68/ 67 | . 2           | 1.1         | 1.4          | -5          | 1.0   | 1.2                  |           |              |                                                   | •3       |              | •0           |              |              | 1 1                                              |          |              | 238                                              |              |             | 297        |
| 66/ 65        | • 1           | .9          | .6           | • 8         | .6    | • 5                  | •7        | •6           |                                                   |          |              | <del> </del> |              |              |                                                  |          |              | 175                                              |              | 306         | 309        |
| 64/ 63        | . 1           | .4          |              | .6          | .6    | .7                   |           |              |                                                   | î        |              | 4            |              |              |                                                  |          |              | 146                                              |              |             |            |
| 62/ 61        | • 2           |             |              | • 4         | .7    | • 3                  |           |              |                                                   | **       | - · ·        |              |              |              |                                                  |          |              | 118                                              |              |             |            |
| 60/ 59        | 1             | .5          |              | . 4         |       | .4                   |           |              |                                                   |          |              |              |              | •            |                                                  |          |              | 96                                               |              |             | 200        |
| 58/ 57        |               | • 1         | • 2          | • 2         | • 3   | • 4                  |           | _            |                                                   |          |              |              |              |              |                                                  |          |              | 53                                               |              |             | 159        |
| 56/ 55        | . 1           | • 2         |              |             |       | . 1                  | .1        | .0           |                                                   |          |              |              |              |              | 1 1                                              |          |              | 40                                               |              | 180         |            |
| 54/ 53        | •0            |             |              | • 2         | • 2   | •0                   |           |              |                                                   |          |              |              |              |              |                                                  |          |              | 33                                               | 34           | 139         | 147        |
| 52/ 51        | . 1           | • 1         | . 1          | • 1         | • 1   | . 1                  |           |              |                                                   |          |              |              |              |              |                                                  |          |              | 27                                               | 23           | 131         |            |
| 50/ 49        |               | •1          |              | •0          | . 1   | •0                   |           |              |                                                   |          |              |              |              |              |                                                  |          |              | 6                                                | 6            | 8.3         |            |
| 48/ 47        |               |             |              |             | •0    |                      |           |              |                                                   |          |              | <u> </u>     |              |              |                                                  |          |              | 1                                                | 1            | 63          |            |
| 46/ 45        |               |             |              | • 1         | • 0   |                      |           |              |                                                   |          |              |              |              |              |                                                  |          |              | 4                                                | 4            | ,           |            |
| 44/ 43        |               |             |              |             |       |                      |           |              |                                                   |          |              |              | L            | ļ            |                                                  |          |              | <u> </u>                                         |              | 10          |            |
| 42/ 41        |               | •0          |              |             |       |                      |           |              |                                                   |          | 1            | ţ            |              | 1            |                                                  |          | İ            | 1                                                | .[ 1         | 6           |            |
| 40/ 39        |               |             | ļ            |             |       |                      |           |              |                                                   |          | <u> </u>     |              |              | <u> </u>     |                                                  |          |              |                                                  | <del> </del> | 6           |            |
| 38/ 37        |               |             |              |             |       |                      |           |              |                                                   | 1        |              |              |              |              |                                                  |          |              | 1                                                |              | 1           | 54         |
| 36/ 35        |               |             |              |             |       |                      |           |              | <u> </u>                                          | <u> </u> |              | <u> </u>     | <u> </u>     | ļ            | ļ                                                |          |              | <del> </del> -                                   | ļ            | <b> </b>    | 78         |
| 34/ 33        |               |             |              |             |       |                      |           |              |                                                   | 1        |              |              |              |              |                                                  |          |              |                                                  |              |             | 28<br>34   |
| 32/ 31        |               | <b> </b> -  |              |             |       |                      | <b></b> _ |              |                                                   | ļ        |              | <del> </del> | <del> </del> | <b>├</b>     |                                                  |          | <del> </del> | <del> </del>                                     | <del> </del> | <b> </b>    | 23         |
|               |               | 1           | <b> </b>     |             |       |                      |           | 1            |                                                   |          |              | 1            | 1            | }            |                                                  |          |              | }                                                | 1            | <b>'</b>    | 11         |
| 28/ 27        |               |             | <del> </del> |             |       |                      |           | -            | <del> </del>                                      |          | <del> </del> | <del> </del> |              | <del> </del> | -                                                |          | <del> </del> | <del> </del>                                     | <del> </del> | <del></del> | 13         |
| 24/ 23        |               |             |              |             |       |                      |           |              |                                                   |          |              |              |              |              |                                                  |          |              |                                                  |              |             | 2          |
| Element (X)   |               | ZX2         | L            |             | Σχ    |                      | X X       | 1            | <del>'                                     </del> | No. O    | . 1          | <del></del>  | <u> </u>     | Ļ            | Mean h                                           | Lo. of H | outs wit     | h Tempero                                        | ture         | <u></u>     |            |
| Rel. Hum.     |               |             |              | <u> </u>    | ^     |                      | _^_       |              |                                                   | ,,,,,,   |              | ± 0          | F            | ≤ 32 F       | ≥ 67                                             |          | 73 F         | ≥ 80 F                                           |              | F           | Total      |
| Dry Bulb      |               |             |              | <u> </u>    |       |                      |           | <del> </del> |                                                   |          |              |              | $\vdash$     |              | <del>                                     </del> |          |              | <del>                                     </del> |              |             |            |
| Wet Bulb      |               | <del></del> |              | <b></b>     |       |                      | — -       |              |                                                   |          |              |              | $\dashv$     |              | <del>                                     </del> | _        |              | <del> </del>                                     |              |             |            |
| Dew Point     |               |             |              | <del></del> |       | $\neg \uparrow \neg$ |           | <u> </u>     |                                                   |          |              |              | _            |              | <del>                                     </del> | $\dashv$ |              | 1                                                |              |             |            |
|               |               |             |              |             |       |                      |           |              |                                                   |          |              |              |              |              |                                                  |          |              |                                                  |              |             |            |

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FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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RANDOLPH AFB TEXAS/SAN ANTONIO

# **PSYCHROMETRIC SUMMARY**

| • • • • • • • • • • • • • • • • • • • • |     |                                                  |                                               | •                                                |                                                  | inme         |                                                  |              |                |                |              |                                                  |             | ''                                               |                                                  |                |                                                  |                |             | MU                                               | 410                                              |
|-----------------------------------------|-----|--------------------------------------------------|-----------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|----------------|----------------|--------------|--------------------------------------------------|-------------|--------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|----------------|-------------|--------------------------------------------------|--------------------------------------------------|
|                                         |     |                                                  |                                               |                                                  |                                                  |              |                                                  |              |                |                |              |                                                  |             |                                                  |                                                  |                |                                                  | PAG            | E 2         | C900                                             | -1100                                            |
| Temp.                                   |     |                                                  |                                               |                                                  |                                                  | WET          | BULB                                             | TEMPER       | ATURE          | DEPR           | SSION (      | F)                                               |             |                                                  |                                                  |                |                                                  | TOTAL          | Γ'          | TOTAL                                            |                                                  |
| (F)                                     | 0   | 1 - 2                                            | 3 - 4                                         | 5.6                                              | 7 - 8                                            |              |                                                  | 13 - 14      |                |                |              |                                                  | 23 - 24     | 25 - 26                                          | 27 - 28                                          | 29 - 30        | × 31                                             | D.B. W.B.      | Dry Bulb    | Wet Bulb                                         | Dew Point                                        |
| 22/ 21                                  |     |                                                  | T-                                            |                                                  | <del>                                     </del> | 1            |                                                  |              |                |                |              |                                                  |             | 1                                                | 1                                                |                | <del>                                     </del> | <u> </u>       | i           |                                                  | 2                                                |
| 18/ 17                                  |     |                                                  | 1                                             |                                                  | ļ                                                |              |                                                  | 1            |                |                |              | ŀ                                                | Ì           | }                                                |                                                  |                | i                                                |                | ĺ           |                                                  | 5                                                |
| 16/ 15                                  |     |                                                  | <b> </b>                                      |                                                  | <b>†</b>                                         |              | <del>                                     </del> | <u> </u>     |                |                | l            | <del></del>                                      |             | <del>                                     </del> | <del> </del>                                     | <del> </del> - | 1                                                | <b></b>        |             | <del>                                     </del> | 1                                                |
| 14/ 13                                  |     | i                                                |                                               | İ                                                |                                                  |              |                                                  | 1            | ļ              |                | l            | ļ                                                |             |                                                  | 1                                                | ļ              |                                                  |                | İ           |                                                  | l i                                              |
| TOTAL                                   | 1.3 | 8.1                                              | 13.0                                          | 15.7                                             | 16.1                                             | 14.6         | 12.3                                             | 8.0          | 5.3            | 2.9            | 1.3          | 1.0                                              | • 2         | •1                                               | <del>                                     </del> |                | <del>                                     </del> |                | 3417        | <u>                                     </u>     | 3416                                             |
|                                         |     |                                                  |                                               |                                                  |                                                  | l            | ļ                                                |              |                | ~              |              | -                                                | '           | -                                                |                                                  |                | ļ                                                | 3413           |             | 3413                                             |                                                  |
|                                         |     |                                                  |                                               | į –                                              |                                                  | T            |                                                  |              |                |                |              |                                                  |             |                                                  |                                                  |                | <del>                                     </del> |                |             |                                                  | i                                                |
|                                         | L   | <u> </u>                                         |                                               | <u> </u>                                         | <u> </u>                                         |              |                                                  |              | l              | ļ              |              | ļ                                                |             |                                                  | l                                                | 1              | ļ                                                |                | l           |                                                  |                                                  |
|                                         |     |                                                  |                                               |                                                  |                                                  |              | [                                                | 1            |                | T              |              |                                                  |             | T                                                |                                                  |                |                                                  |                |             |                                                  |                                                  |
|                                         |     | <u> </u>                                         | <u>i                                     </u> |                                                  | <u> </u>                                         | <u></u>      |                                                  | <u> </u>     | l              |                | <u> </u>     | <u> </u>                                         |             |                                                  |                                                  | <u> </u>       | ļ                                                |                |             |                                                  | ļ                                                |
|                                         |     | i _                                              |                                               |                                                  |                                                  |              |                                                  |              |                |                |              |                                                  |             | 1                                                | Ī                                                |                |                                                  |                |             |                                                  |                                                  |
|                                         |     | <u> </u>                                         | J                                             | <u> </u>                                         |                                                  |              | <u> </u>                                         |              |                |                |              |                                                  |             | <u> </u>                                         | <u> </u>                                         |                |                                                  |                |             |                                                  |                                                  |
|                                         |     | į                                                |                                               | ĺ                                                |                                                  |              | 1                                                |              |                | 1              | 1            | 1                                                | ł           | İ                                                |                                                  |                | i                                                |                |             |                                                  |                                                  |
|                                         |     |                                                  | <u> </u>                                      | <u> </u>                                         | <u> </u>                                         | <u> </u>     | ļ                                                |              |                |                | ļ            |                                                  |             |                                                  |                                                  | <u> </u>       |                                                  |                |             |                                                  |                                                  |
|                                         |     | ł                                                | ł                                             |                                                  |                                                  |              | 1                                                | 1            | l              |                | l            | i                                                | 1           |                                                  | !                                                |                |                                                  |                | ĺ           |                                                  | ŀ                                                |
|                                         |     | <del> </del>                                     | ļ                                             | <u> </u>                                         | <u> </u>                                         | ļ            | ļ                                                | <b>!</b>     |                |                | ļ <u> </u>   |                                                  |             | ļ                                                | <b>!</b>                                         |                | <u> </u>                                         |                |             | <u> </u>                                         |                                                  |
|                                         |     |                                                  |                                               |                                                  | Į                                                |              | 1                                                | 1            | Ì              |                | l            | 1                                                |             |                                                  | 1                                                |                | İ                                                |                | ĺ           |                                                  |                                                  |
|                                         |     | <del> </del>                                     | <u> </u>                                      |                                                  |                                                  |              | <del>↓</del>                                     | <b></b> _    | <u> </u>       |                |              |                                                  | <u> </u>    | <del> </del>                                     |                                                  |                | <u> </u>                                         |                | ļ           | ļ                                                |                                                  |
|                                         |     |                                                  |                                               | ĺ                                                | ļ                                                |              | l                                                | 1            | }              |                | l            |                                                  | !           |                                                  |                                                  |                | ŀ                                                |                |             | ·                                                | 1                                                |
|                                         |     | ├                                                | <del> </del>                                  | <del> </del>                                     |                                                  |              | -                                                | <del> </del> |                | <del> </del>   | <del> </del> |                                                  |             | <b> </b> -                                       | ļ                                                |                | <del> </del>                                     | <b> </b>       |             | ļ                                                | <u> </u>                                         |
|                                         |     |                                                  |                                               | 1                                                |                                                  | }            | l                                                |              |                |                | l            | l                                                |             | 1                                                |                                                  | İ              |                                                  | <b>i</b> !     |             |                                                  |                                                  |
|                                         |     | <del> </del>                                     | <del> </del>                                  | ├                                                | ├                                                |              | <del> </del>                                     | <del> </del> | <del> </del>   | <del> </del>   | <del> </del> | <del> </del>                                     |             | <del> </del>                                     | <del> </del>                                     |                |                                                  | <b> </b>       |             | <del> </del>                                     | ļ                                                |
| <u> </u>                                |     | i                                                | 1                                             | 1                                                |                                                  |              | 1                                                | ļ            |                |                | 1            | l                                                |             | ļ                                                |                                                  |                | 1                                                |                |             |                                                  | ]                                                |
|                                         |     |                                                  | <del> </del>                                  | <del> </del>                                     | <del>├</del>                                     | -            | <del>                                     </del> | <del> </del> | <del> </del> - | <del> </del> - | <del> </del> | <del></del>                                      |             | <del> </del> -                                   | ļ.——                                             | ļ              | <del> </del>                                     | <del> </del> - |             | <del> </del>                                     | <del>                                     </del> |
|                                         |     |                                                  |                                               | 1                                                |                                                  |              |                                                  |              |                | ļ              | ł            | ŀ                                                |             |                                                  | İ                                                |                | 1                                                | [              |             |                                                  |                                                  |
| <del></del>                             |     | <del> </del>                                     | <del> </del>                                  | <del> </del>                                     | <del> </del>                                     |              | <del>                                     </del> | ├            | <del> </del>   | <del> </del>   | <b></b>      | <del> </del>                                     |             |                                                  | <del> </del>                                     | <del> </del>   | <del> </del>                                     | <del> </del>   | <b></b>     | <del> </del>                                     |                                                  |
|                                         |     | ļ                                                |                                               |                                                  |                                                  |              | l                                                | !            |                |                | {            |                                                  |             |                                                  |                                                  |                |                                                  | [              |             |                                                  | l                                                |
|                                         |     | <del>                                     </del> | <del> </del>                                  | ┼                                                | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del> | <del> </del> - | <del> </del>   | <del> </del> | <del>                                     </del> |             | <u> </u>                                         | <del> </del>                                     |                | <del> </del>                                     | <del> </del>   | <del></del> | <del> </del>                                     |                                                  |
|                                         |     |                                                  | }                                             | 1                                                |                                                  |              | İ                                                | 1            | l              | ļ              |              |                                                  |             |                                                  |                                                  | İ              | 1                                                |                | ŀ           |                                                  | 1                                                |
|                                         |     | <del> </del>                                     | İ                                             | <del>                                     </del> | <del> </del>                                     |              | <del>                                     </del> |              | <del> </del>   | <del> </del> - |              | <del> </del>                                     | <del></del> | <del> </del>                                     | <del> </del>                                     |                | <del> </del>                                     |                | <b></b>     | <del> </del>                                     |                                                  |
|                                         |     |                                                  |                                               | 1                                                |                                                  | Ì            | 1                                                | 1            | l              | 1              | ļ            |                                                  |             | 1                                                | ļ                                                |                | 1                                                | į !            | l           | j '                                              |                                                  |
|                                         |     |                                                  | 1                                             |                                                  | 1                                                | <del> </del> | <del>                                     </del> | <del> </del> |                | <del> </del>   |              |                                                  | <u> </u>    | <del>                                     </del> |                                                  |                | <del> </del>                                     |                |             | <del></del>                                      |                                                  |
|                                         |     |                                                  | ]                                             |                                                  |                                                  | l            | 1                                                | İ            |                |                | l            |                                                  |             | 1                                                |                                                  |                | •                                                |                |             |                                                  | ]                                                |
| Element (X)                             |     | Z X2                                             |                                               |                                                  | ZX                                               |              | X                                                | <b>*</b> x   | Т.             | No. Ot         | 5.           |                                                  |             |                                                  | Mean t                                           | io. of H       | ours Iti                                         | h Temperat     | iure        | <del>}</del>                                     |                                                  |
| Rel. Kum.                               |     | 1516                                             | 8487                                          |                                                  | 2189                                             | 29           | 64.1                                             | 18.1         | 59             | 34             | 13           | ± 0                                              | F           | ≤ 32 F                                           | ≥ 67                                             |                | 73 F                                             |                | ≥ 93        | F                                                | Total                                            |
| Dry Bulb                                |     | 1807                                             | 18077                                         |                                                  | 2472                                             | 43           | 72.4                                             | 7.4          | 26             | 34             | 17           |                                                  |             |                                                  | 74                                               |                |                                                  | 15.            |             |                                                  | 93                                               |
| Wet Bulb                                |     |                                                  | 8214                                          |                                                  | 2183                                             | 66           | 64.0                                             | 7.7          | 89             |                | 13           |                                                  |             |                                                  |                                                  |                | 12.5                                             |                | 7           |                                                  | 93                                               |
| Dew Point                               |     | 1209                                             | 5217                                          | 1                                                | 1996                                             | 31           | 58.4                                             | 11.2         | 05             | 34             | 16           |                                                  |             | 2.4                                              | 27                                               |                | 3.2                                              |                | 1           |                                                  | 93                                               |

# **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION      | RA        | NDOL     | РН А  |       |         |              | ANT          | ONIO       |             | 38-          | 74      |       |         |              |          |         |              |            |              |                                                                             | СТ           |
|-----------------------|-----------|----------|-------|-------|---------|--------------|--------------|------------|-------------|--------------|---------|-------|---------|--------------|----------|---------|--------------|------------|--------------|-----------------------------------------------------------------------------|--------------|
| STATION               |           |          |       | 51    | ATION N | AME          |              |            |             |              |         |       |         | YE           | ARS      |         |              | 546        |              |                                                                             | NTH 1 4 O.C. |
|                       |           |          |       |       |         |              |              |            |             |              |         |       |         |              |          |         |              | PAG        | 5 I          |                                                                             | -1400        |
| Temp.                 |           |          |       |       |         | WET          | BULB 1       | TEMPER     | ATURE       | DEPRE        | SSION ( | F)    |         |              |          |         |              | TOTAL      |              | TOTAL                                                                       |              |
| (F)                   | 0         | 1-2      | 3 - 4 | 5 - 6 | 7 - 8   |              | 11 - 12      |            |             |              |         |       | 23 - 24 | 25 - 26      | 27 - 28  | 29 - 30 | ≥ 31         | D.B./W.B.  | Dry Bulb     |                                                                             | Dew Paint    |
| 96/ 95                |           |          |       |       |         |              |              |            |             |              |         |       | •0      |              | •1       |         |              | 3          | 3            |                                                                             |              |
| 94/ 93                |           |          |       |       |         |              |              |            |             | . 2          | .1      | . 1   |         | •1           | .1       |         |              | 17         | 17           |                                                                             |              |
| 927 91                |           |          |       | İ     |         | İ            |              | • 0        | • 4         |              | • 2     | • 1   | • 1     | •1           |          |         |              | 47         | 47           |                                                                             |              |
| 90/ 89<br>88/ 87      |           |          |       |       |         |              | • 1          | . 8        | 1.4         |              | .5      | • 2   | • 2     | • 1          | • 1      | • :     |              | 135        | 135          |                                                                             |              |
| 86/ 85                |           |          |       | •0    | • C     |              | 1.6          |            | 1.8         |              |         | • 4   |         |              |          |         |              | 221        | 221<br>317   | l                                                                           |              |
| 84/ 83                |           | <b></b>  |       | .1    | • L     | 1.8          | 2.3          | 2.2        | 2.0         |              | 1.0     | .8    | • 2     | •2           |          |         | <u> </u>     | 317<br>419 | 421          |                                                                             |              |
| 82/ 81                |           |          | . 1   | . 2   | 1.2     |              |              | 2.0        | 1.4         |              | 9       | . 8   |         | i            | <b>i</b> |         |              | 410        | 411          |                                                                             |              |
| 80/ 79                |           |          | • 3   | • 7   | 1.6     |              | 2.4          | 1.6        | . 8         |              | 1.2     | 8.    |         | •1           | <u> </u> |         |              | 424        | 425          |                                                                             | <del>-</del> |
| 78/ 77                |           | . 1      | • 2   | . 9   | 1.1     | 1.1          | 1.0          | 1.0        |             |              | .7      | . 4   |         |              |          |         |              | 310        | 310          | 31                                                                          | 2            |
| 76/ 75                | •0        | .1       | • 2   | . 5   | . 5     | .9           |              | 1.0        | 1.0         |              | .6      | • 5   |         |              |          |         |              | 241        | 241          | 196                                                                         | 12           |
| 74/ 73                | •0        |          | • 3   | • 7   | • 3     |              | . 8          |            | 1.1         | .7           | .3      | • 2   |         |              |          |         |              | 209        | 206          | 348                                                                         |              |
| 72/ 71                | •0        | • 5      | • 4   | . 3   | • 3     |              | • 4          | • 5        | . 8         |              |         | • 1   |         |              |          |         |              | 167        | 167          | 360                                                                         |              |
| 70/ 69                |           | •4       | • 4   | • 4   | • 3     |              |              | • 4        | . 8         |              |         | •0    |         |              |          |         |              | 132        | 132          | 420                                                                         |              |
| 68/ 67                | • 1       | • 4      | • 4   | - 3   | • 3     | •4           |              | • 3        | • 4         |              | • 1     | •0    |         |              |          |         |              | 115        | 115          | 405                                                                         |              |
| 66/ 65                | 1         | •2       | • 1   | • 2   | .3      |              |              | .3         | •3          |              |         |       |         |              |          |         |              | 75         | 75<br>40     | 301<br>257                                                                  | 290<br>281   |
| 62/ 61                | •1        | i        | 1     | .1    | . 1     | 1            | .0           | 1          | .0          |              |         |       |         |              |          |         |              | 40<br>27   | 28           | 226                                                                         |              |
| 60/ 59                | - 1       | • 2      | . 2   | • 2   | • 2     |              | •1           | • 1        |             |              |         |       |         |              |          |         |              | 42         | 43           | 2.3                                                                         |              |
| 58/ 57                | .1        | . 1      | . 1   | . 1   | . 1     | .1           | .0           | -          |             |              |         |       |         |              |          |         |              | 18         | 19           | 174                                                                         |              |
| 56/ 55                | • C       | • 2      | • 1   |       | • 1     | .1           | • 1          | •0         |             |              |         |       |         |              |          |         |              | 22         | 22           | 148                                                                         | 196          |
| 54/ 53                | .0        |          | • 2   | • 0   |         |              | •0           |            |             |              |         |       |         |              |          |         |              | 16         | 16           | 121                                                                         | 164          |
| 52/ 51                | _         | • 0      |       |       | _       | •0           |              |            |             | ļ            |         |       |         |              |          |         |              | 2          | 2            | 89                                                                          | 163          |
| 50/ 49                | <u>•0</u> |          |       |       | •0      |              |              |            |             |              |         |       |         |              |          |         |              | 2          | 2            | 44                                                                          |              |
| 48/ 47 46/ 45         |           |          |       |       |         |              |              |            |             |              |         |       |         |              |          |         |              | '          |              | 30                                                                          |              |
| 44/ 43                |           |          |       |       |         | <b>├</b>     | -            |            |             | <del> </del> |         |       |         |              |          |         |              |            |              | 10                                                                          | 112          |
| 42/ 41                |           |          |       |       |         |              |              |            |             |              |         |       |         |              |          |         |              |            |              | 2                                                                           |              |
| 40/ 39                |           |          |       |       |         | <del> </del> | <del> </del> |            |             | $\vdash$     |         |       |         | <del> </del> |          |         |              | $\vdash$   |              |                                                                             | 66           |
| 38/ 37                |           |          |       |       |         |              |              |            |             |              |         |       |         |              |          |         |              |            |              | ļ                                                                           | 57           |
| 36/ 35                |           |          |       |       |         |              |              |            |             |              |         |       |         |              |          |         | -            |            |              |                                                                             | 49           |
| 34/ 33                |           |          |       |       |         | L            | L            |            |             |              |         |       |         |              |          |         |              | 1          | ]            |                                                                             | 41           |
| 32/ 31                |           |          |       |       |         | 1            |              |            |             |              |         |       |         |              |          |         |              | T — I      |              |                                                                             | 25           |
| 30/ 29                |           | لـــِــا |       |       |         | <u> </u>     | L            |            |             |              | L       | لسيسا |         | <u> </u>     |          |         | <u> </u>     |            |              |                                                                             | 30           |
| Element (X)           |           | ΣX,      |       |       | ×       |              | <u>x</u>     | <b>"</b> x |             | No. Ob       | s.      |       |         |              |          |         |              | h Temperat |              |                                                                             |              |
| Rel. Hum.<br>Dry Bulb |           |          |       |       |         |              |              |            |             |              |         | 101   | F   -   | 32 F         | ≥ 67     | F 2     | 7 <u>3 F</u> | ≥ 80 F     | ≠ 93 F       |                                                                             | Total        |
| Wet Bulb              |           |          |       |       |         |              |              |            | <del></del> |              |         |       |         |              |          | _       |              | <b> </b>   | -            | $-\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$ |              |
| 701 0010              |           |          |       |       |         |              |              | ļ          |             |              |         |       |         |              | <u> </u> |         |              |            | <del> </del> | ——                                                                          |              |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-3 (01.

Dew Point

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SAFETAC

### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA               | NDOL            | РН А       | FB T                                             | EXAS                                             | /SAN         | I ANT                                            | ONTO    |          | <u> 38-</u>                                      | 74      |         | <del></del> | YE           | ARS     |        |                                              |              |                                                  |                | ONTH                                   |
|------------------|------------------|-----------------|------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|---------|----------|--------------------------------------------------|---------|---------|-------------|--------------|---------|--------|----------------------------------------------|--------------|--------------------------------------------------|----------------|----------------------------------------|
|                  |                  |                 |            |                                                  |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        |                                              | PAG          | E 2                                              | 1.200<br>HOURS | )-14()(<br>(L. s. T.)                  |
| Temp.            |                  |                 |            |                                                  |                                                  |              | BUL8                                             |         |          |                                                  |         |         |             |              | ,       |        |                                              | TOTAL        |                                                  | TOTAL          |                                        |
| (F)              | 0                | 1 - 2           | 3 - 4      | 5 - 6                                            | 7 - 8                                            | 9 - 10       | 11 - 12                                          | 13 - 14 | 15 - 16  | 17 - 18                                          | 19 - 20 | 21 - 22 | 23 - 24     | 25 - 26      | 27 - 28 | 29 - 3 | 2 31                                         | D.B./W.B.    | Dry Bulb                                         | Wet Bul        |                                        |
| 28/ 27<br>26/ 25 |                  |                 |            |                                                  |                                                  |              |                                                  |         |          | İ                                                |         |         |             |              |         |        |                                              |              |                                                  |                | 11                                     |
| 24/ 23           |                  |                 |            |                                                  |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        | <del> </del>                                 |              |                                                  | ļ — —          | 1                                      |
| 22/ 21 20/ 19    |                  |                 |            |                                                  | <b></b> -                                        | <u> </u>     |                                                  |         |          |                                                  |         |         |             | -            |         |        | <del> </del>                                 |              |                                                  |                | <u> </u>                               |
| 14/ 13           |                  |                 |            |                                                  | ļ                                                |              | ļ                                                |         |          |                                                  |         |         |             | <u> </u>     |         |        | <del> </del>                                 | ļ. — —       | <br>                                             | ļ              | <del></del>                            |
| TOTAL            | •6               | 3.0             | 3.1        | 4.8                                              | 7.3                                              | 10.4         | 14.5                                             | 14.6    | 15.0     | 10.3                                             | 8.1     | 4.8     | 2.4         | 1.0          | . 2     |        | <u>.                                    </u> |              | 3416                                             |                | 341                                    |
|                  |                  |                 |            |                                                  |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        |                                              | 3411         |                                                  | 341            | L]                                     |
|                  |                  |                 |            | <b></b>                                          |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        |                                              |              |                                                  |                | 1                                      |
|                  |                  |                 | ļ ——       |                                                  | <del> </del>                                     |              | <del> </del>                                     | ļ       |          | <u> </u>                                         |         |         |             |              |         |        | <del> </del> -                               | <del> </del> |                                                  |                | -                                      |
|                  |                  |                 | <u> </u>   |                                                  | ļ                                                |              | ļ                                                |         |          | ļ                                                |         |         |             | <u> </u>     |         |        | <del>-</del>                                 |              |                                                  |                |                                        |
|                  |                  |                 | <u> </u>   |                                                  |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        |                                              |              |                                                  |                | <u> </u>                               |
|                  |                  |                 |            |                                                  |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        |                                              |              |                                                  |                |                                        |
|                  | · <u>··</u> ···· |                 | -          | _                                                | <del>                                     </del> |              | -                                                |         |          |                                                  |         |         |             |              |         | -      | <del> </del>                                 |              |                                                  |                | -                                      |
|                  |                  |                 | <b> </b> - |                                                  |                                                  |              |                                                  |         |          | <u> </u>                                         |         |         |             | <del> </del> |         |        | <del> </del>                                 | ļ            |                                                  |                | -                                      |
|                  |                  |                 |            |                                                  |                                                  |              |                                                  |         | <u> </u> |                                                  |         |         |             |              |         |        | <u> </u>                                     |              |                                                  |                |                                        |
|                  |                  |                 |            | İ                                                |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        |                                              | Ī            |                                                  |                | İ                                      |
|                  |                  |                 |            |                                                  | <b> </b>                                         |              | <del>                                     </del> |         |          |                                                  |         |         |             |              |         |        | 1                                            |              |                                                  |                |                                        |
|                  |                  |                 |            |                                                  | <u> </u>                                         | <del> </del> | ├                                                |         |          | <u> </u>                                         | ļ       |         |             |              |         | -      | <del> </del>                                 | ļ            | <del> </del>                                     | <del> </del>   |                                        |
|                  | -                |                 |            |                                                  | <u> </u>                                         |              | <u> </u>                                         |         |          |                                                  |         |         |             |              |         |        | <u> </u>                                     | <u> </u>     |                                                  |                | ļ                                      |
|                  |                  |                 |            |                                                  |                                                  |              |                                                  |         |          |                                                  |         |         |             |              |         |        |                                              |              |                                                  |                |                                        |
|                  |                  |                 |            |                                                  |                                                  |              | 1                                                |         |          |                                                  |         |         |             |              |         |        | 1                                            |              |                                                  |                |                                        |
|                  |                  | <u> </u>        |            |                                                  | <del> </del>                                     | <del> </del> | <del> </del>                                     |         |          | <del>                                     </del> |         |         | _           |              |         | -      | <del> </del>                                 |              | <del>                                     </del> | -              | -                                      |
| Element (X)      | <del></del>      | Z <sub>X²</sub> | <u></u>    |                                                  | z <sub>x</sub>                                   | <u> </u>     | X                                                | - Fx    |          | No. Ol                                           |         |         | <u></u>     | <u> </u>     | Mean    | No. of | loure wit                                    | - Tempero    | ture                                             | <u> </u>       | ــــــــــــــــــــــــــــــــــــــ |
| Rel. Hum.        |                  |                 | 7181       | <del> </del>                                     | 1721                                             | 51           | 50.5                                             | 17.2    | 85       | 34                                               |         | ± 0     | F           | ≤ 32 F       |         |        | ≥ 73 F                                       | ≥ 80 F       |                                                  | F              | Total                                  |
| Dry Bulh         |                  | 2132            | 8515       | -                                                | 2687                                             | 53           | 50.5<br>78.6                                     | 7.5     | 59       | 34                                               |         |         | -           |              |         |        | 75.0                                         |              |                                                  | .5             | G                                      |
| Wet Bulb         |                  |                 | 5652       |                                                  | 2232                                             | 06           | 65.4                                             | 7.0     | 54       | 34                                               |         |         | $\dashv$    |              |         |        | 15.7                                         |              | ō                                                | -              | 9                                      |
| Dew Point        |                  | 1155            | 2/5/       | <del>                                     </del> | 1949                                             |              | 57.1                                             |         |          | 34                                               |         |         |             | 2.5          |         |        | 1.7                                          |              |                                                  |                | 9                                      |

#### PSYCHROMETRIC SUMMARY

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12911 RANDOLPH AFT TEX " 39-74 STATION MONTH 1500-1700 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 5-6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 96/ 95 .0 . 1 6 94/ 93 31 92/ 91 90 90 1.1 90/89 194 194 255 88/ 87 255 1.0 1.0 • 6 1.8 348 348 86/ 85 1.5 1.2 • 0 84/ 83 1.3 1.1 1.9 2.2 1.1 4C8 409 1. .2 1.7 1.8 2.1 . 7 405 82/ 81 1.0 404 • 2 79 390 391 80/ 1.1 1.6 1.2 1.5 1.4 8 77 1.1 78/ 1.0 311 311 76/ 75 1.0 • 0 230 230 161 11 308 55 741 73 • 0 165 165 356 72/ 71 156 156 122 70/ 69 120 120 418 194 •2 •2 68/ 67 97 98 418 250 66/ 65 . 1 <u>•</u> 1 58 58 347 283 307 64/ 63 . 1 36 36 297 62/ 61 42 42 223 242 60/ 59 30 30 246 227 57 180 58/ 205 367 55 155 210 54/ 53 132 8 173 52/ 51 57 155 47 50/ 49 170 25 48/ 143 46/ 45 113 441 43 115 421 110 40/ 39 97 38/ 37 57 36/ 35 42 34/ 33 46 32/ 31 20 30/ 29 Element (X) ZX ₹, No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F | ≥ 73 F | ≥ 80 F ≥ 93 F Total ≤ 32 F 4 0 F Dry Bulb Wet Bulb

OINCTNA .

OBSOLETE THS. ö PREVIOUS EDITIONS 7 ಠ 0.26-3 (

FORM J SAFETAC

(

Dew Point

### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA          | NOOL             | РН А           | F8 T     | EXAS  | /SAN         | IANT         | ONTU                                             | <u> </u>                                         | 3P-          | 74       |                                                  |          | YE           | :AR5    |          |          |              |          |          | IC T                  |
|------------------|-------------|------------------|----------------|----------|-------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------|----------|--------------------------------------------------|----------|--------------|---------|----------|----------|--------------|----------|----------|-----------------------|
|                  |             |                  |                |          |       |              |              |                                                  |                                                  |              |          |                                                  |          | -            |         |          |          | PAG          | E 2      |          | -1700                 |
| Temp.            |             |                  |                |          |       |              | BULB         |                                                  |                                                  |              |          |                                                  |          |              |         |          |          | TOTAL        |          | TOTAL    |                       |
| (F)              | 0           | 1 - 2            | 3 - 4          | 5 - 6    | 7 - 8 | 9 - 10       | 11 - 12      | 13 - 14                                          | 15 - 16                                          | 17 - 18      | 19 - 20  | 21 - 22                                          | 23 - 24  | 25 - 26      | 27 - 28 | 29 - 30  | ≥ 31     | D.B./W.B.    | Dry Bulb | Wet Bulb | Dew Poin              |
| 28/ 27<br>26/ 25 |             |                  |                |          |       |              |              |                                                  |                                                  |              |          |                                                  |          |              |         |          |          |              |          |          | 21                    |
| 24/ 23 22/ 21    |             |                  |                |          |       |              |              |                                                  |                                                  |              |          |                                                  |          |              |         |          |          |              |          |          | 3<br>3<br>1<br>1<br>2 |
| 50/ 15           |             |                  |                |          |       |              |              | <del>                                     </del> |                                                  |              |          |                                                  |          |              |         |          |          |              |          |          | 1                     |
| 18/ 17<br>16/ 15 |             | <u> </u>         |                |          |       |              |              | <del> </del>                                     |                                                  | <b> </b> -   |          |                                                  |          | <del> </del> |         |          |          | }            |          |          | 1 2                   |
| 14/ 13           |             |                  |                |          |       |              | ļ            |                                                  |                                                  |              |          |                                                  |          | ļ            |         |          |          |              | <br>     |          | 1                     |
| TOTAL            | • 6         | 3.0              | 3.7            | 4.3      | 6.2   | 8.1          | 9.4          | 11.7                                             | 14.6                                             | 13.5         | 11.2     | 7.1                                              | 4.2      | 1.6          | .6      | .1       |          |              | 3419     |          | 3416                  |
|                  |             |                  | İ              |          |       |              |              |                                                  |                                                  |              |          |                                                  |          |              |         |          |          | 3415         |          | 3415     |                       |
|                  |             |                  |                |          |       |              |              |                                                  |                                                  |              |          |                                                  |          |              |         |          |          |              |          | l        |                       |
|                  |             |                  | <u> </u>       |          |       |              | $\vdash$     |                                                  | -                                                |              | -        |                                                  |          | <del> </del> |         |          |          | <del> </del> |          |          | ļ                     |
|                  |             | <u> </u>         | <del> </del> - | <u> </u> |       |              | <del> </del> | <u> </u>                                         | -                                                |              |          |                                                  |          | ļ            |         |          |          | ļ <u>.</u>   |          | <u> </u> | ļ                     |
|                  |             | ļ                |                |          |       |              |              | <u> </u>                                         | ļ                                                |              | <u> </u> |                                                  |          | ļ            | !<br>   |          |          |              |          |          |                       |
|                  |             |                  |                | Ì        |       |              |              |                                                  |                                                  |              |          |                                                  |          |              |         |          |          | İ            |          |          |                       |
|                  |             |                  |                |          |       |              |              |                                                  |                                                  |              |          |                                                  |          |              |         |          |          |              |          |          |                       |
|                  | <del></del> | <del></del>      | <b></b>        | <br>     |       |              | <del> </del> |                                                  | <del>                                     </del> | <del> </del> |          | -                                                |          |              |         |          |          |              |          |          |                       |
|                  |             |                  | <del> </del>   | <b> </b> |       |              | <del> </del> | <del> </del>                                     |                                                  | <del> </del> |          |                                                  |          |              |         |          |          |              |          |          | <del> </del>          |
|                  |             |                  |                |          |       |              | ļ            |                                                  |                                                  | ļ            |          |                                                  |          | <u> </u>     |         |          |          |              |          | ļ        | ļ                     |
|                  |             |                  |                |          |       |              |              | ļ                                                |                                                  | ļ            |          |                                                  |          |              |         |          |          |              |          |          |                       |
|                  |             |                  |                |          |       | Ì            |              |                                                  |                                                  |              | Ì        |                                                  |          |              |         |          |          |              |          |          |                       |
|                  | ·           |                  |                |          |       |              |              |                                                  |                                                  | <del>}</del> |          | <del>                                     </del> |          |              |         |          |          |              | <u> </u> |          |                       |
|                  |             | <del> </del>     |                |          |       | <del> </del> |              | <u> </u>                                         | <del>                                     </del> |              |          |                                                  |          | <del> </del> |         |          |          |              |          |          | <del> </del>          |
| Element (X)      |             | Z <sub>X</sub> ' | <u></u>        |          | ZX    | <u> </u>     | X            | •,                                               | 1                                                | Ho. 01       | )<br>s.  | <u> </u>                                         | <u> </u> | <u> </u>     | Mean M  | lo, of H | ours wit | h Tempera    | ture     | <u> </u> | Щ                     |
| Rel. Hum.        |             |                  | 2544           |          |       | 54           | 48.0         |                                                  |                                                  |              | 15       | ± 0                                              | F        | ≤ 32 F       | ≥ 67    |          | 73 F     | - 80 F       | e 93     | F        | Total                 |
| Dry Bulb         |             | 2182             | 7636           |          | 2719  | 54           | 79.5         | 7.5                                              | 70                                               | 34           | 19       |                                                  |          |              | 87      |          |          | 53.          |          | .0       | 93                    |
| Wet Bulb         |             | 1471             | 4714           |          | 22.29 | 82           | 65.3         | 6.7                                              | 41                                               | 34           | 15       |                                                  |          |              | 45      | •9       | 13.5     |              |          |          | 93                    |
| Dew Point        |             | 1121             | 9653           |          | 1921  | 41           | 56.2         | 10.9                                             | 87                                               | 34           | 16       |                                                  |          | 2,7          | 17      | • 2      | 1.8      |              |          |          | 93                    |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### PSYCHROMETRIC SUMMARY

RANDOLPH AFB TEXAS/SAN\_ANTONIO 39-74 STATION HAME 1800-2000 PACE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 92/ 91 90/ 89 30 30 88/ 87 74 86/ 85 109 109 84/ 83 211 211 82/ 81 1.3 249 299 • 1 1.3 1.3 807 399 399 78/ 77 75 73 423 423 65 10 767 230 51 368 348 1.2 1.3 721 71 309 300 280 150 1.2 290 344 247 70/ 69 280 246 246 389 243 68/ 67 1.1 367 186 275 66/ 65 186 275 125 304 64/ 63 126 255 277 122 62/ 61 122 237 235 60/ 59 76 76 195 58/ 57 54 54 254 215 43 191 56/ 55 42 34 158 53 175 54/ 154 13 5 133 52/ 51 13 89 150 50/ 49 48/ 47 152 47 77 147 46/ 45 113 44/ 43 99 42/ 41 66 40/ 39 38/ 37 45 36/ 35 39 34/ 33 25 32/ 31 30/ 29 1.8

ö EDITIONS 3 ಠ USAFETAC

28/ 27 26/ 25

Rel. Hum.

Dry Bulb Wat Bulb Dew Point

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No. Obs.

20F

± 32 F

Mean No. of Hours with Temperature

16

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FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ر ر USAFETAC DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12911 RANDOLPH AFB TEXAS/SAN ANTONIO
STATION STATION NAME

# **PSYCHROMETRIC SUMMARY**

|     |                                                  |                                                        | >                                                 | TATION N                                         | AME                                                                                                     |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               | YE                                                                                                                                                                                                                                                                                                                                          | ARS                                                                                                                                                                           |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   | МС                                            | NTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|     |                                                  |                                                        |                                                   |                                                  |                                                                                                         |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        | PAG                                                                                                                                                                                    | <b>=</b> 2        | 1800                                          | -2000<br>L. s. t.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|     |                                                  |                                                        |                                                   |                                                  | WET                                                                                                     | BULB                                              | TEMPER                                                             | ATURE                                                                                    | DEPLE                                                                                                                                                                                                                                                                                                                                                                                                | SSION                                                                                                                                                                                                                                                                       | F)                                                                                                                                                                                    |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        | TOTAL                                                                                                                                                                                  | T                 | TOTAL                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0   | 1 - 2                                            | 3-4                                                    | 5 - 6                                             | 7 - 8                                            | 9 - 10                                                                                                  | 11 - 12                                           | 13 - 14                                                            | 15 - 16                                                                                  | 17 - 18                                                                                                                                                                                                                                                                                                                                                                                              | 19 - 20                                                                                                                                                                                                                                                                     | 21 - 22                                                                                                                                                                               | 23 - 24                                                                                                                                                                                                                                                                       | 25 - 26                                                                                                                                                                                                                                                                                                                                     | 27 - 28 2                                                                                                                                                                     | 9 - 30                                                                                                                                                                                                                              | <b>231</b>                                                                                                                                                                             |                                                                                                                                                                                        | Dry Bulb          |                                               | Dew Poli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|     |                                                  |                                                        |                                                   |                                                  |                                                                                                         |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               | 2 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| . ઇ | 6.8                                              | 9.8                                                    | 12.2                                              | 14.0                                             | 14.7                                                                                                    | 113.7                                             | 11.3                                                               | 7.7                                                                                      | 4.9                                                                                                                                                                                                                                                                                                                                                                                                  | 2.7                                                                                                                                                                                                                                                                         | • 9                                                                                                                                                                                   | • 4                                                                                                                                                                                                                                                                           | • 1                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        | 3421                                                                                                                                                                                   | 3421              |                                               | 3421                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|     |                                                  |                                                        |                                                   |                                                  |                                                                                                         |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     | <br>                                             |                                                        | <del>                                      </del> | <del>                                     </del> | <del> </del>                                                                                            | 1                                                 | <del>                                     </del>                   |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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|     |                                                  | ļ                                                      | <u> </u>                                          | <del> </del>                                     | <u> </u>                                                                                                | <u> </u>                                          | ļ                                                                  |                                                                                          | ļ                                                                                                                                                                                                                                                                                                                                                                                                    | <u> </u>                                                                                                                                                                                                                                                                    | !<br>}- —                                                                                                                                                                             | ļ                                                                                                                                                                                                                                                                             | ļ                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        | ļ                 |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                  |                                                        | <u></u>                                           | <u> </u>                                         | l                                                                                                       |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             | Ĺ                                                                                                                                                                                     | <u> </u>                                                                                                                                                                                                                                                                      | ;<br>                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                  |                                                        |                                                   |                                                  |                                                                                                         |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             | i                                                                                                                                                                                     |                                                                                                                                                                                                                                                                               | •                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                  | <u> </u>                                               | ļ —                                               | 1                                                | <del>                                     </del>                                                        |                                                   |                                                                    |                                                                                          | <del> </del>                                                                                                                                                                                                                                                                                                                                                                                         | <del> </del> -                                                                                                                                                                                                                                                              |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               | i<br>I                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                               |                                                                                                                                                                                                                                     | -                                                                                                                                                                                      |                                                                                                                                                                                        |                   | <del> </del>                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                  | <del> </del> -                                         | <del>                                     </del>  | <del> </del>                                     |                                                                                                         | <del>-</del> -                                    | -                                                                  |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      | !                                                                                                                                                                                                                                                                           |                                                                                                                                                                                       | <b></b> -                                                                                                                                                                                                                                                                     | <b> </b>                                                                                                                                                                                                                                                                                                                                    | <del> </del> -                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                                                                                                                                        | <del> </del>                                                                                                                                                                           | <del> </del>      |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                  | <u> </u>                                               | ļ                                                 | <b>↓</b>                                         | <del> </del>                                                                                            | ļ                                                 | ļ                                                                  |                                                                                          | ļ                                                                                                                                                                                                                                                                                                                                                                                                    | ļ                                                                                                                                                                                                                                                                           | <u> </u>                                                                                                                                                                              | <u> </u>                                                                                                                                                                                                                                                                      | <u> </u>                                                                                                                                                                                                                                                                                                                                    | !                                                                                                                                                                             |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   | <u> </u>                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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|     | <del> </del> -                                   | <del> </del>                                           | -                                                 | <del> </del>                                     | <del> </del>                                                                                            |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        | <b> </b> -        | ļ                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     | <u> </u>                                         | Ļ                                                      | <u> </u>                                          | <del>  </del>                                    | <u> </u>                                                                                                | ļ                                                 | ļ                                                                  |                                                                                          | ļ                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                             | <u> </u>                                                                                                                                                                              |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        | <u> </u>          | ļ                                             | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|     |                                                  |                                                        |                                                   |                                                  |                                                                                                         |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      | ĺ                                                                                                                                                                                                                                                                           |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        | ĺ                 |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                  |                                                        |                                                   |                                                  |                                                                                                         |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     | <del>                                     </del> |                                                        | <del> </del>                                      | <del> </del> -                                   | $\vdash$                                                                                                | <del>                                     </del>  | <del> </del>                                                       | -                                                                                        | <del>                                     </del>                                                                                                                                                                                                                                                                                                                                                     | <del> </del>                                                                                                                                                                                                                                                                | <del> </del>                                                                                                                                                                          | <u> </u>                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                             | <del>                                     </del>                                                                                                                              |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        | <del> </del>      |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |                                                  | -                                                      | -                                                 | -                                                | ┼                                                                                                       | -                                                 |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      | ļ                                                                                                                                                                                                                                                                           |                                                                                                                                                                                       | <del> </del>                                                                                                                                                                                                                                                                  | <del> </del>                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                               |                                                                                                                                                                                                                                     | <del> </del>                                                                                                                                                                           |                                                                                                                                                                                        | <b> </b>          | <u> </u>                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     | لِـــِـــ                                        | <u>L</u>                                               | <u> </u>                                          | <u> </u>                                         | <u></u>                                                                                                 | <u></u>                                           |                                                                    | <u> </u>                                                                                 | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                             | <u></u>                                                                                                                                                                                                                                                                     | <u> </u>                                                                                                                                                                              | <u></u>                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                             | <u> </u>                                                                                                                                                                      |                                                                                                                                                                                                                                     | L                                                                                                                                                                                      | <u> </u>                                                                                                                                                                               | <u> </u>          | <u> </u>                                      | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|     |                                                  | 7065                                                   | <del> </del>                                      | 2 X                                              | <del></del> _+                                                                                          |                                                   |                                                                    |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             | ·                                                                                                                                                                             |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     | 1351                                             | 4387                                                   | <del> </del>                                      | 2058                                             | 303                                                                                                     | 60.2                                              | 118.2                                                              | 06                                                                                       | 34                                                                                                                                                                                                                                                                                                                                                                                                   | 71                                                                                                                                                                                                                                                                          | = 0                                                                                                                                                                                   | <del>-</del>                                                                                                                                                                                                                                                                  | : 32 F                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                               | <del>'</del> —'                                                                                                                                                                                                                     | 73 F                                                                                                                                                                                   |                                                                                                                                                                                        |                   | F                                             | Total 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|     | 1284                                             | 3300                                                   | ;}                                                |                                                  | 225                                                                                                     | 63.3                                              | 7.2                                                                | 63                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | <del></del>                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               | 씱_                                                                                                                                                                                                                                  |                                                                                                                                                                                        |                                                                                                                                                                                        | ·≐ <del> </del> — |                                               | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|     |                                                  |                                                        |                                                   |                                                  |                                                                                                         | 56 6                                              | 104                                                                | <del>수를 -</del>                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | <del>¦-</del> -                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                                                                     |                                                                                                                                                                                        |                                                                                                                                                                                        |                   |                                               | ····າ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|     |                                                  | ** 6 * 8 ***  ****  ****  ****  ****  ****  ****  **** | Zx' 13514387 18281593 13848399                    | 0 1-2 3-4 5-6  • ¢ 6.8 9.8 12.2                  | 0 1.2 3.4 5.6 7.8  .0 6.8 9.8 12.2 14.0  .0 5.8 7.8 12.2 14.0  .0 1.2 3.4 5.6 7.8  .0 5.8 7.8 12.2 14.0 | 0 1.2 3.4 5.6 7.8 9.10  .0 6.8 9.8 12.2 14.0 14.7 | WET BULB  0 1.2 3.4 5.6 7.8 9.10 11.12  .0 6.8 9.812.214.014.713.7 | WET BULB TEMPER  0 1-2 3-4 5-6 7-8 9-10 11-12 13-14  •8 6.8 9.8 12.2 14.0 14.7 13.7 11.3 | WET BULB TEMPERATURE  0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16  - 8 6 - 8 9 - 8 12 - 2 14 - 0 14 - 7 13 - 7 11 - 3 7 - 7  - 8 6 - 8 9 - 8 12 - 2 14 - 0 14 - 7 13 - 7 11 - 3 7 - 7  - 8 6 - 8 9 - 8 12 - 2 14 - 0 14 - 7 13 - 7 11 - 3 7 - 7  - 8 6 - 8 9 - 8 12 - 2 14 - 0 14 - 7 13 - 7 11 - 3 7 - 7  - 9 - 9 - 10 11 - 12 13 - 14 15 - 16  - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1 | WET BULB TEMPERATURE DEPKE  0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18  .0 6.8 9.8 12.2 14.0 14.7 13.7 11.3 7.7 4.9  .0 7.7 4.9  .0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18  .0 6.8 9.8 12.2 14.0 14.7 13.7 11.3 7.7 4.9  .0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | WET BULB TEMPERATURE DEPKESSION O 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20    .0 6.8 9.8 12.2 14.0 14.7 13.7 11.3 7.7 4.9 2.7    .0 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 | WET BULB TEMPERATURE DEPKESSION (F)  0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 21 2 2 2 1 4 0 1 4 7 1 3 7 1 1 0 3 7 7 4 0 9 2 7 0 9  0 6 8 9 8 12 2 1 4 0 1 4 7 1 3 7 1 1 0 3 7 7 4 0 9 2 7 0 9  2 2 3 4 8 2 1 4 8 2 1 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | WET BULB TEMPERATURE DEPRESSION (F)  0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24  .0 6.0 9.0 12.2 14.0 14.7 13.7 11.3 7.7 4.9 2.7 .9 .4  .0 6.1 9.0 12.2 14.0 14.7 13.7 11.3 7.7 4.9 2.7 .9 .4  .0 1.2 13.4 30.7 20.5 80.3 60.2 18.2 06 3421 50.F 1828 1593 248 825 72.7 7.3 23 3471 13.4 839 216 225 63.2 7.2 92 3421 | WET BULB TEMPERATURE DEPKESSION (F)  0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26  .0 6.8 9.6 12.2 14.0 14.7 13.7 11.3 7.7 4.9 2.7 .9 .4 .1  2x' 2x | WET BULB TEMPERATURE DEPRESSION (F)  0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 2  .8 6.8 9.8 12.2 14.0 14.7 13.7 11.3 7.7 4.9 2.7 .9 .4 .1  2x' 2x 3 3 4 5 5 6 7 6 7 6 7 6 7 6 7 6 7 7 7 7 7 7 7 | MET BULB TEMPERATURE DEPKESSION (F)  0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30  0 6.8 9.6 12.2 14.0 14.7 13.7 11.3 7.7 4.9 2.7 .9 .4 .1  2 x' | WET BULB TEMPERATURE DEPRESSION (F)  0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31  • & 6.6 9.6 12.2 14.0 14.7 13.7 11.3 7.7 4.9 2.7 .9 .4 .1 | P.L.(             | PAGE 2    MET BULB TEMPERATURE DEPRESSION (F) | ### BULB TEMPERATURE DEPKESSION (F)    No.   1.2   3.4   5.6   7.8   9.10   11.12   13.14   15.16   17.18   19.20   21.22   23.24   25.26   27.28   29.30   31   D.B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr. B.W.B.   Dr |

#### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFF TEXA J/SAN ANTONIO 38-74 OCT MONTH 2100-2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 867 85 84/ 83 82/ 81 13 80/ 79 72 72 78/ 77 1.9 1.5 189 169 76/ 75 3.2 323 323 17 1.8 2.5 1.9 3.0 91 74/ 73 1.6 2.6 377 203 72/ 71 237 399 399 228 2.2 70/ 69 2.7 2.5 336 386 87 213 1.7 68/ 67 299 299 249 327 66/ 65 2.1 1.9 1.6 305 305 351 260 64/ 63 281 212 212 307 62/ 61 60/ 59 1.1 216 216 260 273 229 170 170 245 58/ 57 148 148 195 179 56/ 55 5.7 209 87 206 54/ 53 96 187 169 52/ 51 62 62 181 142 50/ 49 • 0 38 38 135 143 48/ 47 17 95 130 46/ 45 77 130 44/ 43 36 109 42/ 41 96 .0 3 21 40/ 39 85 13 38/ 37 58 36/ 35 43 34/ 33 20 32/ 31 30/ 29 15 28/ 27 26/ 25 26/ 25 24/ 23 22/ 21 5 20/ 19 No. Obs. Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F ≥ 93 F Dry Bulb Wet Bulb

ö PREVIOUS 7 ಠ

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 38-74

#### **PSYCHROMETRIC SUMMARY**

YEARS

PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 18/ 17 TOTAL 1.316.624.821.114.710.1 5.5 3.4 3428 3428 3428 No. Obs. ZX Element (X) Mean No. of Hours with Temperature 18834157 15782005 247897 72.316.272 231239 67.4 7.408 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 3428 55.9 Dry Bulb 3429 26.5 1.2 93 30.1 93 13244221 211223 61.6 8.180 7.1 Wet Bulb 3428 11751166 197272 57,510,786 3423 1.9 21.7

USAFETAC FORM ARE OBSOLETE

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### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA         | NDOL     | PH A     |            | EXAS       |              | ANT     | ONIC     | <u> </u>       | <u>39-</u>    | 74           |         |         | VF           | ARS          |          |                  |              |            | IA<br>NOM  | ۵V            |
|------------------|------------|----------|----------|------------|------------|--------------|---------|----------|----------------|---------------|--------------|---------|---------|--------------|--------------|----------|------------------|--------------|------------|------------|---------------|
| <b>5</b> 1       |            |          |          | •          | .,,,,,,,,, | rm <b>u</b>  |         |          |                |               |              |         |         |              |              |          |                  | PAG          | E 1        |            | <b>-</b> 0200 |
| Temp.            |            |          |          |            |            | WET          | BULB    | TEMPER   | RATUR          | E DEPRE       | SSION (      | F)      |         |              |              |          |                  | TOTAL        |            | TOTAL      |               |
| (F)              | 0          | 1 - 2    | 3 - 4    | 5 - 6      | 7 · 8      | 9 - 10       | 11 - 12 | 13 - 14  | 15 - 10        | 17 - 18       | 19 - 20      | 21 - 22 | 23 - 24 | 25 - 20      | 27 - 28      | 29 30    | 2 31             | D.B./W.B.    | Dry Bulb   | Wet Bulb   | Dew Poin      |
| 78/ 77<br>76/ 75 |            | •0       | .2       | •0         |            |              |         |          |                |               |              |         |         |              |              |          |                  | 11           | 11         |            |               |
| 74/ 73           |            | . 8      | 1.0      | • 2        | • ()       | ١.           | .0      | • 0      | 1              | 1             |              |         |         |              |              |          |                  | 69<br>76     | 69         | 1          | 3.            |
| 72/ 71           | • 2        | 2.4      | 1.7      | •2         | -1         | • 1          |         |          |                |               | •0           |         |         |              |              |          | - <del> </del> - | 155          | 76<br>155  | 47<br>107  | 32<br>77      |
| 68/ 67           | . 3        | 2.9      | 1.7      | • 2        | •0         | .0           | . 1     |          |                |               | .0           |         |         |              |              |          | ļ                | 174          | 174        | 137        | 121           |
| 66/ 65           | .7<br>.4   | 2.9      | 1.0      | • 2        | . 2        | . 1          | •       | 1        |                | .0            | •0           |         |         |              |              |          |                  | 185          | 185<br>182 | 179<br>174 | 144           |
| 62/ 61           | • 4        | 2.4      |          | •4         | • 5        |              |         |          |                |               |              |         |         |              |              |          | <del></del>      | 184          | 184        | 151        | 163           |
| 60/ 59           | . 5        | 2.4      | 1.3      | . 8        | .5         |              |         |          |                | 0             | <u> </u>     |         |         |              |              |          | ļ                | 204          | 204        | 130        |               |
| 58/ 57<br>56/ 55 | • 2        | 2.4      | 2.0      | 1.1        | 1.4        |              |         |          |                |               |              |         |         |              |              |          |                  | 237          | 237<br>252 | 158<br>164 | 103           |
| 54/ 53           | • 3        | 1.8      |          | 1.7        | • 8        |              |         |          | 1              | <del></del>   |              |         |         | <u> </u>     |              |          | 1                | 226          | 227        | 179        | 14            |
| 52/ 51           | • <u>1</u> | 1.9      | +        | 1.3        | • 6        | 4            |         |          | <u> </u>       | <del> </del>  | ļ            |         |         |              |              |          |                  | 201          | 202        |            |               |
| 50/ 49<br>48/ 47 | .3         | 2.1      | 1.5      | 1.5        | 1.0        |              |         |          | Ì              |               |              |         |         |              |              |          | -                | 229          | 231<br>219 | 203<br>272 | 148           |
| 46/ 45           | • 1        | 1.1      | 1.1      | 1.4        | 1.0        | • 2          |         |          | 1              | <u> </u>      |              |         |         |              |              |          |                  | 167          | 168        | 232        | 158           |
| 44/ 43           | . 1        | .6<br>.9 |          |            | • 5        |              |         |          | <del> </del> - | <del></del> - |              |         |         | <u> </u>     |              | <u> </u> |                  | 133          | 136        |            | 17:           |
| 40/ 39           | • 1<br>• 1 | .7       |          | .6         | . 2        |              |         |          |                |               | <b> </b>     |         |         |              |              |          |                  | 86           | 85         |            |               |
| 38/ 37           | • 1        |          |          |            | • )        |              | J • C   |          |                |               |              |         |         |              |              |          |                  | 79           | 79         |            |               |
| 36/ 35<br>34/ 33 | •0         |          | • 5      | ·          | • 1        | • (          |         |          | <del> </del>   |               | <del> </del> |         |         | <del> </del> |              | <b> </b> | -                | 33           | 48<br>33   |            |               |
| 32/ 31           |            | , 2      | .1       | .0         | .00        | <u> </u>     | 1       |          |                |               |              |         |         |              |              |          |                  | 11           | 11         | 46         | 13            |
| 30/ 29<br>28/ 27 |            | .2       | •0       | 1          | • 0        |              |         |          |                |               | l            |         |         |              |              |          |                  | 10           | 10         |            |               |
| 26/ 25           |            | .0       |          |            | <u>-</u>   | <del> </del> | ·       |          | 1              |               |              |         |         |              |              | <b></b>  | 1                | i            | i          | 9          | 7             |
| 24/ 23           |            |          |          | <b> </b> - |            |              |         |          | <del> </del>   |               |              |         |         |              | <u> </u>     | ļ        | -                | <b></b>      |            | - 4        | I             |
| 20/ 19           |            |          |          |            |            |              |         |          |                |               |              |         |         |              |              |          | 1                |              |            | 2          | 1             |
| 18/ 17           |            | <u> </u> |          | İ          |            |              | 1       |          |                | 1             |              |         |         |              |              | <u> </u> | 1                | 1            |            |            | Ī             |
| 16/ 15<br>14/ 13 |            |          | <u> </u> |            |            | <del> </del> | ┼       |          | ├              | ┼             |              |         |         | <u> </u>     | <del> </del> |          |                  | <del> </del> |            |            | 10            |
| 12/ 11           |            |          |          |            |            | <u> </u>     |         | <u> </u> |                |               |              | i       | L       |              |              |          |                  | <u></u>      |            |            |               |
| Element (X)      |            | Z X1     |          |            | z x        |              | X       | ٠,       |                | No. O         | 55.          |         |         |              | <del></del>  |          | tours wit        | h Tempera    |            |            |               |
| Rel. Hum.        |            |          |          |            |            |              |         | ļ        |                |               |              | ± 0 1   | F       | ≤ 32 F       | ≥ 67         | F        | ≈ 73 F           | > 80 F       | z 93       | F          | Total         |
| Dry Bulb         |            |          |          |            |            | _            | ·       | ļ        |                |               |              |         | _ _     |              |              |          |                  | <u> </u>     | _          |            |               |
| Wet Bulb         |            |          |          |            |            |              |         | <u> </u> | _              |               |              |         | _       |              |              | _ _      |                  | .            | _          |            |               |
| Dew Point        |            |          |          |            |            |              |         |          |                |               |              |         |         |              |              |          |                  |              |            |            |               |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

# **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA            | NDOL         | PH A     | F8 T         | EXAS         | /SAN         | TNA          | ONIC         | )                                                | 38-            | 74                                               |                                                  |                | YF             | ARS      |          |                                                  |                                                  |                                                  | - N          | IC·V         |
|------------------|---------------|--------------|----------|--------------|--------------|--------------|--------------|--------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------------------------------------------|----------------|----------------|----------|----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------|
|                  |               |              |          |              |              |              |              |              |                                                  |                |                                                  |                                                  | •              |                |          |          |                                                  | PAG                                              | E 2                                              |              | -0200        |
| Temp.            |               |              |          |              |              | WET          | BULB         | TEMPE        | RATURE                                           | DEPR           | SSION (                                          | (F)                                              |                |                |          |          |                                                  | TOTAL                                            | 1                                                | TOTAL        |              |
| (F)              | 0             | 1 - 2        | 3 - 4    | 5 - 6        | 7 - 8        | 9 - 10       | 11 - 12      | 13 - 14      | 15 - 16                                          | 17 - 18        | 19 - 20                                          | 21 - 22                                          | 23 - 24        | 25 - 26        | 27 - 28  | 29 - 30  | ≥ 31                                             | D.B./W.B.                                        | Dry Bulb                                         | Wet Bulb     | Dew Point    |
| 10/ 9            |               |              |          |              |              |              |              |              |                                                  |                |                                                  |                                                  |                |                |          |          |                                                  |                                                  |                                                  |              | 3            |
| 8/ 7<br>6/ 5     |               |              |          |              |              |              |              | <del> </del> | <del> </del>                                     | <del> </del>   |                                                  |                                                  |                | -              |          |          |                                                  | <del> </del>                                     |                                                  | <del> </del> | 3            |
| 4/ 3             |               |              |          |              | İ            |              |              |              | <u> </u>                                         | <u> </u>       |                                                  |                                                  |                |                |          |          |                                                  |                                                  |                                                  |              | 2            |
| 2/ 1             |               |              |          |              |              |              | ļ            | Ì            |                                                  |                |                                                  | ĺ                                                |                |                |          |          | Ì                                                | İ                                                |                                                  | }            | 3            |
| -4/ -5           |               |              |          | <br>         |              |              | <del> </del> | <u> </u>     | <del> </del>                                     | <del> </del>   | <del>                                     </del> | <del>i                                    </del> | <del> </del>   | <del>   </del> |          |          | <del>                                     </del> |                                                  | ļ                                                | <b></b>      | 1            |
| TOTAL            | 4.2           | 36.0         | 26.5     | 16.0         | 9.5          | 4.2          | 2.5          | . 8          | 11                                               | .1             | .1                                               |                                                  |                |                |          |          | ·                                                |                                                  | 3313                                             |              | 3305         |
| Ì                |               |              |          |              | !<br>        |              |              | ]<br>        | }                                                | 1              |                                                  | i                                                |                |                |          |          |                                                  | 3303                                             |                                                  | 3303         |              |
|                  |               |              |          |              | <del></del>  | -            |              |              | -                                                | <del> </del>   | -                                                | -                                                | -              | <del> </del>   |          |          |                                                  | <del>                                     </del> |                                                  | <del></del>  |              |
|                  |               |              |          |              |              |              |              |              |                                                  |                |                                                  |                                                  |                | <u> </u>       |          |          |                                                  |                                                  |                                                  |              |              |
| ·                |               |              |          |              |              | 1            |              |              |                                                  |                |                                                  |                                                  |                |                |          |          |                                                  |                                                  |                                                  |              |              |
|                  |               |              |          |              |              | <u> </u>     | -            | <del> </del> | <del> </del>                                     | ┼              | <del> </del>                                     | <del> </del>                                     | ╁              | <del> </del>   |          |          | <del> </del>                                     |                                                  |                                                  | <del> </del> | <del> </del> |
|                  |               |              |          |              |              |              |              | <u> </u>     | <u> </u>                                         |                |                                                  |                                                  | <u> </u>       |                |          |          |                                                  |                                                  |                                                  | <u> </u>     |              |
|                  |               |              |          |              |              |              |              |              |                                                  | ļ              |                                                  | ļ                                                |                |                |          |          |                                                  |                                                  |                                                  |              |              |
|                  |               |              |          |              |              |              | <del> </del> |              | ├                                                | -              | ├                                                |                                                  |                | -              |          |          | -                                                | <del> </del> -                                   |                                                  |              | <del> </del> |
|                  |               |              |          |              | <u> </u>     |              |              |              |                                                  | <u> </u>       |                                                  |                                                  | <u> </u>       | ļ              |          |          |                                                  |                                                  |                                                  |              |              |
|                  |               |              |          |              | 1            |              |              |              |                                                  |                |                                                  |                                                  |                |                |          |          |                                                  |                                                  |                                                  |              |              |
|                  |               |              |          |              | <del> </del> |              | <del> </del> |              | -                                                | <del> </del>   | <del> </del>                                     | -                                                | -              |                |          |          | <del> </del>                                     |                                                  |                                                  | <del> </del> | <del>}</del> |
|                  |               |              |          |              |              |              |              |              |                                                  |                | ļ                                                |                                                  |                |                |          |          |                                                  |                                                  |                                                  |              |              |
|                  |               |              |          |              |              |              |              |              |                                                  |                |                                                  |                                                  |                |                |          |          |                                                  |                                                  |                                                  |              |              |
|                  |               | <u> </u>     |          | <b> </b>     | <del> </del> |              | <del> </del> |              | <del> </del>                                     | <del> </del> - | <del> </del>                                     | <del> </del> -                                   | <del> </del>   |                |          |          |                                                  | <u> </u>                                         |                                                  | <b>├</b>     | <del> </del> |
|                  |               |              |          |              |              |              |              |              |                                                  |                |                                                  |                                                  |                |                |          |          | ļ                                                |                                                  |                                                  | ļ            |              |
|                  |               |              |          |              |              |              |              |              |                                                  |                |                                                  |                                                  |                |                |          |          |                                                  |                                                  |                                                  |              |              |
|                  |               | <del> </del> | <u> </u> | <del> </del> |              | <del> </del> | <del> </del> |              | <del> </del>                                     | -              | <del> </del>                                     | <del> </del>                                     | <del> </del> - | <del> </del>   | <u> </u> |          | <del></del>                                      |                                                  |                                                  | <del> </del> | <del> </del> |
|                  |               |              |          |              | j            | }            |              | ĺ            |                                                  |                |                                                  | !                                                |                |                |          |          | 1                                                |                                                  |                                                  |              | 1            |
|                  |               |              | Ì        |              |              |              |              |              | 1                                                |                | <del>                                     </del> |                                                  |                |                |          |          | T                                                |                                                  | <del>                                     </del> |              | <del> </del> |
| Element (X)      | <del></del> - | Σχ²          | <u> </u> |              | ZX           | <del>!</del> | <u> </u>     | •,           | <del>!                                    </del> | No. O          | <u> </u>                                         | i                                                | <u> </u>       | <u> </u>       | Menn b   | lo. of H | Guts wit                                         | h Tempera                                        | ture                                             | <u></u>      | <u> </u>     |
| Rel. Hum.        |               |              | 4747     |              | 2524         | 65           | 76.4         | 17.2         | 206                                              |                | 03                                               | = 0                                              | F              | ≤ 32 F         | ≥ 67     |          | 73 F                                             | ≥ 80 F                                           | ≥ 93                                             | F            | Total        |
| Dry Bulb         |               | 1031         | 8179     |              | 1819         | 11           | 54.9         | 9.9          | 78                                               | 33             | 13                                               |                                                  |                | . 8            | 13       |          | 2.2                                              | +                                                |                                                  |              | 9,)          |
| Wet Bulb         |               | 899          | 2392     |              | 1686         | 26           | 51.1         | 10.          | /A3                                              | 33             | n3                                               |                                                  |                | 2.9            | 8        | • 0      | •9                                               |                                                  |                                                  |              | 30           |
| Dew Point        |               | 793          | 2672     |              | 1555         | 68           | 47.1         | 13.5         | 88                                               | 33             | :05                                              |                                                  | • 1            | 14.5           | 6        | .3       |                                                  | ·                                                |                                                  |              | 90           |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOIETE 0 25-3 (OL A) FORM 71 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 110A YEARS STATION NAME MONTH 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew TOTAL

|   | (F)              | 0          | 1 - 2         | 3 - 4 | 5 - 6                                            | 7 - 8        | 9 - 10       | 11 - 12                                          | 13 - 14                                          | 15 - 16                                          | 17 - 18      | 19 - 20      | 21 - 22      | 23 - 24 | 25 - 26  | 27 - 28 | 29 - 30  | ≥ 31     | D.B./W.B.   | Dry Bulb    | Wet Bulb       | Dew Point | Ĺ |
|---|------------------|------------|---------------|-------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------|--------------|---------|----------|---------|----------|----------|-------------|-------------|----------------|-----------|---|
|   | 76/ 75           |            |               | • 2   | • 1                                              |              |              |                                                  |                                                  |                                                  |              |              |              |         |          |         |          |          | 3           | 8           |                |           | ١ |
|   | 74/ 73           |            | • 6           |       |                                                  |              |              |                                                  |                                                  |                                                  | ļ            |              |              |         |          |         |          |          | 48          | 48          |                |           | l |
|   | 72/ 71           |            | 1.6           | , ,   | • 1                                              |              | _            |                                                  |                                                  |                                                  |              | •            |              |         |          | ĺ       |          |          | 77          | 77          |                |           | ı |
|   | 70/ 69           | • 2        |               |       | • 2                                              |              | •0           |                                                  |                                                  |                                                  |              | <b> </b>     |              |         |          |         |          |          | 149         | 149         |                |           | ĺ |
| 1 | 68/ 67<br>66/ 65 | . 6        |               |       | • 1                                              | ١,           |              | • 0                                              |                                                  |                                                  | ļ            |              |              |         |          |         |          |          | 130         | 130         |                |           | ĺ |
|   | 64/ 63           | • 8<br>• 8 |               | 1.5   |                                                  | •1           | .0           | •0                                               |                                                  |                                                  |              |              |              |         | -        |         |          |          | 172         | 148         |                |           | ĺ |
|   | 62/ 61           | .7         |               |       | •2                                               | .4           |              |                                                  |                                                  |                                                  | 1            |              |              |         |          | 1       |          |          | 159         | 160         |                |           | ı |
|   | 60/ 59           | .7         |               |       |                                                  | • 4          |              |                                                  |                                                  |                                                  |              | -            |              |         | <u> </u> | -       |          |          | 212         | 213         |                |           | ı |
|   | 58/ 57           | . 6        |               |       |                                                  |              |              |                                                  |                                                  |                                                  |              |              |              |         | ļį       |         |          |          | 185         | 185         |                |           | l |
|   | 56/ 55           | - 3        |               |       | • 7                                              |              | • 4          |                                                  |                                                  |                                                  | 1            |              |              |         |          |         |          |          | 210         | 211         |                |           | l |
|   | 54/ 53           | . 2        | 1.9           | 2.0   | 1.1                                              | . 8          |              |                                                  |                                                  |                                                  | ļ            |              |              |         |          |         |          |          | 202         | 209         | 155            | 130       | ĺ |
|   | 52/ 51           | • 2        | 2.2           | 1.6   | 1.2                                              | .7           |              | • 3                                              |                                                  |                                                  |              |              |              |         |          | 1       |          |          | 226         | 226         |                |           | l |
|   | 50/ 49           | . 8        |               |       |                                                  |              | •.5          | • 1                                              |                                                  | <u> </u>                                         | ļ            | L            |              |         |          |         |          |          | 25 P        | 259         | 215            |           | l |
|   | 48/ 47           | • 4        |               |       | 1.2                                              | •7           | •.5          | •0                                               |                                                  |                                                  | ļ            | ļ            | ļ            |         | ļ ļ      |         |          |          | 198         | 200         |                |           | ı |
|   | 46/ 45           | <u>. 3</u> |               |       |                                                  |              | • 5          |                                                  |                                                  | ļ                                                | <del> </del> |              |              |         |          |         |          |          | 204         | <u> ۲۸۶</u> |                |           | ı |
|   | 44/ 43           | • 1        |               |       |                                                  |              |              |                                                  |                                                  |                                                  |              |              |              |         |          |         |          |          | 174         | 175<br>134  |                |           | ı |
|   | 42/ 41           | . 2        |               | 1.3   |                                                  | •1           |              |                                                  | ļ                                                |                                                  | <del> </del> |              |              |         |          |         |          |          | 130         | 128         | <del></del>    |           | ı |
|   | 38/ 37           | • 1<br>• 2 |               |       |                                                  |              |              | Ì                                                |                                                  |                                                  |              |              |              |         | i i      |         |          |          | 127         | 77          |                |           | l |
|   | 36/ 35           | .0         | 1.2           |       |                                                  |              |              |                                                  |                                                  | <del>                                     </del> | $\vdash$     | <del> </del> | <b></b>      |         |          |         |          |          | 76          | 76          | 130            |           | ĺ |
|   | 34/ 33           | , 1        |               |       |                                                  |              |              |                                                  |                                                  |                                                  |              | ļ            |              |         |          |         |          |          | 59          | 59          |                |           | l |
|   | 32/ 31           |            | • 5           |       |                                                  |              |              |                                                  |                                                  | <del>                                     </del> | 1            |              |              |         |          |         |          |          | 34          | 34          | 70             |           | l |
|   | 30/ 29           |            | • 2           |       |                                                  |              | L            |                                                  |                                                  |                                                  | <u></u>      |              |              |         |          |         |          |          | 11          | 11          |                |           | ĺ |
|   | 28/ 27           |            | • 1           |       | • 1                                              |              |              |                                                  |                                                  |                                                  |              |              |              |         |          |         |          |          | 8           | ಚ           | ,              |           | l |
|   | 26/ 25           |            | • 2           | •0    |                                                  |              | ļ            | ļ                                                | <u> </u>                                         |                                                  | <u> </u>     | ļ            |              |         |          |         |          |          | 7           |             | 14             |           | l |
|   | 24/ 23           | Ì          |               | • 1   |                                                  |              |              |                                                  |                                                  |                                                  |              |              | [            |         |          |         |          |          | 3           | 3           | 70             |           | Į |
|   | 22/ 21<br>20/ 19 |            |               |       |                                                  |              | ļ            | <u> </u>                                         |                                                  | <del>                                     </del> |              |              | <u></u>      |         |          |         |          |          |             |             | - 2            | 43        | ١ |
|   | 20/ 19<br>18/ 17 |            |               | İ l   |                                                  |              |              |                                                  |                                                  |                                                  |              |              |              |         |          | !       |          |          |             |             | - ا            | 15        | ١ |
|   | 16/ 15           |            | <b> </b>      |       |                                                  |              |              | -                                                | <del> </del> -                                   | <del> </del>                                     | ┼            |              | <del> </del> |         |          |         |          |          |             |             | <del> </del> - | 5         | l |
|   | 14/ 13           |            | i             | i     |                                                  |              | Į            |                                                  |                                                  |                                                  |              |              |              |         |          | 1       |          |          | 1           |             |                | 4         | l |
|   | 12/ 11           |            | <del></del> - |       | <del>                                     </del> | <del> </del> | <del> </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | 1            | <del> </del> | <b> </b>     |         | <u> </u> |         |          |          |             |             | <del> </del>   | 9         | ١ |
|   | 10/ 9            |            |               |       |                                                  | }            | -            | i                                                | ļ                                                |                                                  |              |              |              |         |          | [ [     |          |          |             |             | !              | 7         | l |
|   | Element (X)      |            | Σχ²           |       |                                                  | Σχ           |              | X                                                | <b>₹</b>                                         |                                                  | No. O        | 56.          |              |         |          | Mean N  | n. of H  | ours wit | h Temperati | nt-a        |                |           | l |
|   | Rel. Hum.        |            |               |       |                                                  |              |              |                                                  |                                                  |                                                  |              |              | ≰ 0          | F       | ≤ 32 F   | ≥ 67    | F 2      | 73 F     | ≥ 80 F      | z 93        | E              | Total     | 1 |
| İ | Cry Bulb         |            |               |       |                                                  |              |              |                                                  |                                                  |                                                  |              |              |              | _       |          |         | _ _      |          |             | .           |                |           | ļ |
|   | Wet Bulb         |            |               |       |                                                  |              |              |                                                  | <u> </u>                                         | _                                                |              |              |              |         |          |         | <u> </u> |          |             | ــــ        | _              |           | l |
|   |                  |            |               |       |                                                  |              |              |                                                  |                                                  |                                                  |              |              |              |         |          |         |          |          |             |             |                |           |   |

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Daw Point

21454398 9763066 8645640 7726861

78,916,726 53,310,472 49,911,214 46,413,742

RANDOLPH AFB TEXAS/SAN ANTUNIO

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

90

90 90

≥ 73 F

≥ 67 F

≤ 32 f·

|                                             | 3161104       |           |          |          | •     | ALIVE A  | -me      |         |         |         |         |         |          |          | •        | L P ISO |         |          |           |          | ****     |                    |
|---------------------------------------------|---------------|-----------|----------|----------|-------|----------|----------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|----------|-----------|----------|----------|--------------------|
| (                                           |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          | PAG       | E 2      | HOURS (  | -0500<br>L. s. t.) |
|                                             | Temp.         |           |          |          |       |          | WET      | BULB '  | TEMPER  | RATUR   | DEPR    | ESSION  | (F)      |          |          |         |         |          | TOTAL     |          | TOTAL    |                    |
| f                                           | (F)           | 0         | 1 - 2    | 3 - 4    | 5 - 6 | 7 - 8    | 9 - 10   | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28 | 29 - 30 | ≥ 31     | D.B./W.B. | Dry Bulb | We+ Bulb | Dew Point          |
| •                                           | 8/ 7          | <u></u> - |          | <u> </u> |       |          |          |         |         |         |         |         | 1        |          |          |         |         |          | i ——      |          |          | 3<br>3<br>3301     |
| €                                           | 6/ 5<br>TOTAL | 7.2       | 41.0     | 25.2     | 6.ذ1  | 6.8      | 4.0      | 1.4     | •7      | •       |         |         |          |          |          |         |         |          | 3300      | 3313     | 3300     | 3301               |
|                                             |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
|                                             |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| (                                           |               |           | <u> </u> |          |       |          |          |         |         |         |         |         | <u> </u> |          |          |         |         |          |           |          |          |                    |
| t 33                                        |               |           |          |          |       |          |          |         |         |         |         |         |          | <u> </u> |          |         |         |          | <u> </u>  |          |          |                    |
| PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          | ļ<br>ļ   |                    |
| M ARE                                       |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| S fOR                                       |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| Of 11:                                      |               |           |          |          |       |          | <u> </u> |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| ( SNOT                                      |               |           |          | <u> </u> |       | <u> </u> |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| Š J                                         |               |           |          |          |       |          |          |         |         |         |         |         |          |          | <u> </u> |         |         |          |           |          |          |                    |
| PREVIC                                      |               |           |          |          |       |          |          |         |         |         |         |         |          | <u> </u> |          |         |         |          |           |          |          |                    |
|                                             |               |           |          |          |       |          |          |         |         | 1       |         |         |          |          |          |         |         |          |           |          |          |                    |
| 0-26-3 (OL A)                               |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| 0-26                                        |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| FORM Y                                      |               |           |          |          |       |          |          |         |         |         |         |         |          |          |          |         |         |          |           |          |          |                    |
| u ==                                        | Elamont (Y)   |           | Z 2      |          |       | 20       |          | 4       | •       |         | No. C   | h.      |          |          |          | Maga    | No of V | ause wie | h Temaner | ****     |          |                    |

No. Obs.

3300

3313

3300

3301

10F

38-74

RANDOLPH AFE TEXAS/SAN ANTONIO

SYATION NAME

#### PSYCHROMETRIC SUMMARY

NOV

U600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 (F) 1-2 3-4 × 31 .0 78/ 77 76/ 75 .7 . 4 747 •1 •0 40 .7 71 72/ 71 72 31 14 .0 74 707 69 2.9 145 146 100 138 128 153 139 68/ 67 2.6 2.9 66/ 65 •6 •1 169 169 139 141 64/ 63 .6 131 132 171 153 163 129 627 61 2.5 • 1 161 60/ 59 58/ 57 2.9 214 207 211 138 131 125 114 1.3 205 56/ 55 202 205 226 220 1.6 54/ 53 2.1 226 173 124 51 2.0 220 170 127 52/ 249 206 248 50/ 49 2.3 1.1 136 1.5 217 193 182 217 48/ 47 1.4 1.0 245 150 46/ 45 190 225 2.1 1.1 184 44/ 43 1.4 182 192 149 207 179 133 42/ 41 1.1 1.1 131 1.1 40/ 39 143 124 184 156 38/ 37 78 . 8 • 5 78 137 73 72 36/ 35 143 173 •4 146 34/ 33 97 •5 •3 65 65 20 151 32/ 31 62 30/ 29 28/ 27 127 98 20 48 31 • 0 • 0 26/ 25 24/ 23 11 80 • 1 • 1 51 22/ 21 20/ 19 44 13 18/ 17 17 16/ 15 8 14/ 13 6 12/ No. Obs. Element (X) ΣX Mean No. of Hours with Temperature ≉ 80 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 93 F Total Rel. Hum. 10 F Dry Bulb Wet Bulb Dew Point

38-74

OBSOLETE EDITIONS OF THIS FORM 7 ಠ 26-3 ( ó

4

12911 STATION

USAFETAC

RANDOLPH AFB TEXAS/SAN ANTONIO 38-74

# PSYCHROMETRIC SUMMARY

| STATION     | _             |                                                  |              | 5                                                | TATION H     | ME       |              |                |             |                  |         |         |               | YE      | ARS         |          |              |                                                  |                                                  | мо           | NTH      |
|-------------|---------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|----------|--------------|----------------|-------------|------------------|---------|---------|---------------|---------|-------------|----------|--------------|--------------------------------------------------|--------------------------------------------------|--------------|----------|
|             |               |                                                  |              |                                                  |              |          |              |                |             |                  |         |         |               |         |             |          |              | PAG                                              | E 2                                              | 0607         | -0800    |
| Temp.       |               |                                                  |              |                                                  |              | WET      | BUI a 1      | FMPER          | ATURE       | DEPRE            | SSION ( | F)      |               |         |             |          |              | TOTAL                                            |                                                  | TOTAL        |          |
| (F)         | 0             | 1 - 2                                            | 3.4          | 15.6                                             | 7 - 8        | 0 . 10   | 11 - 12      | 13 . 14        | 15 - 16     | 17 - 18          | 19 - 20 | 21 - 22 | 23 - 24       | 25 - 26 | 27 . 28     | 29 - 30  | ≥ 31         | D.B./W.B.                                        | Dry Bulb                                         | Wet Bulb     | Dew Po   |
| 10/ 9       |               |                                                  | 1            |                                                  |              | 7        |              |                | 10 10       | 1,7 1,0          | ··      |         |               | 10 10   |             |          |              |                                                  |                                                  |              | 1        |
| 8/ 7        |               | <del> </del>                                     | <del> </del> | <b>⊹</b> —                                       |              |          | ļ            |                |             |                  |         |         |               |         | —— <u> </u> |          | <del> </del> |                                                  |                                                  |              |          |
|             |               | 1                                                | 1            | ļ                                                | ļ            |          |              |                |             | į                |         | - 1     |               | l       |             |          |              |                                                  |                                                  | İ            |          |
| 2/ 1        | <del></del> ( | 20 /                                             | 200          | 7 2 2 0                                          | 0 7          |          | , ,          | E              |             | 1                |         |         |               | i       |             |          | <b></b>      |                                                  | 3317                                             |              | 329      |
| DTAL        | · · ·         | 39.4                                             | 1240         | 13.8                                             | 0.7          | 4.0      | 1.0          | • 5            | • 1         |                  |         |         |               |         |             |          |              | 3296                                             |                                                  | 3296         |          |
|             |               |                                                  |              |                                                  | <br>         |          |              |                |             |                  |         |         |               |         |             |          |              |                                                  |                                                  | ļ            | ļ        |
|             |               |                                                  |              | T                                                |              |          |              |                |             |                  |         |         |               |         |             |          |              |                                                  |                                                  |              |          |
|             |               | <del>                                     </del> | 1            |                                                  | 1            |          |              |                |             | † <del>-  </del> |         |         |               |         |             |          | <del> </del> |                                                  |                                                  |              |          |
|             |               | <del> </del>                                     |              | ├                                                | <del> </del> |          |              |                |             |                  |         |         |               |         |             |          |              |                                                  |                                                  |              |          |
|             |               | _                                                | -            | <del>                                     </del> | ļ            |          |              |                |             |                  |         |         |               |         |             |          | -            |                                                  |                                                  |              |          |
|             |               | <u> </u>                                         |              | <u> </u>                                         | ļ            |          |              |                |             |                  |         |         |               |         |             |          | <u> </u>     | ļ                                                | <u> </u>                                         |              |          |
|             |               |                                                  |              |                                                  |              |          |              |                |             |                  |         |         |               |         |             |          |              |                                                  |                                                  |              |          |
|             |               |                                                  |              |                                                  |              |          |              |                |             |                  |         |         |               |         |             |          |              |                                                  |                                                  |              |          |
|             |               |                                                  | <u> </u>     | 1                                                | <u> </u>     |          | -            |                |             |                  |         |         |               |         |             |          | <del> </del> | <b> </b>                                         | <del> </del>                                     | <del> </del> |          |
|             |               |                                                  | <del> </del> | -                                                | 1            |          | -            |                |             |                  |         |         |               |         |             |          |              | <b></b>                                          |                                                  | <del> </del> |          |
|             | ····          | <u> </u>                                         | ļ            | <del> </del>                                     | ļ            |          |              |                |             |                  |         |         |               |         |             |          | ļ            |                                                  |                                                  | ļ            |          |
|             |               | <u> </u>                                         | <u> </u>     |                                                  |              |          |              |                |             |                  |         |         |               |         |             |          | <u> </u>     |                                                  |                                                  | <u> </u>     |          |
|             |               |                                                  |              |                                                  |              |          |              |                |             |                  |         |         |               |         |             |          |              |                                                  |                                                  |              |          |
|             |               |                                                  |              |                                                  |              |          |              |                |             |                  |         |         |               |         |             |          |              |                                                  |                                                  |              |          |
|             |               | 1                                                | †            | 1                                                |              |          |              |                |             |                  |         |         |               |         |             |          |              | <del>                                     </del> | <del>                                     </del> |              | 1        |
|             |               | +                                                | ┼            | 1-                                               | <del> </del> |          |              | <u> </u>       |             |                  |         |         |               |         |             |          | <del> </del> |                                                  |                                                  |              |          |
| Element (X) |               | E <sub>X</sub> <sup>2</sup>                      | <u> </u>     | -                                                | ZX           | <u> </u> | X            | • <sub>x</sub> | <del></del> | No. Ob           | 3.      |         |               |         | Mean r      | lo. of H | lours wit    | h Tempera                                        | ture                                             | <u> </u>     | <u> </u> |
| Rel. Hum.   |               |                                                  | 5255         |                                                  |              |          | 78.5         | 16.8           | 64          | 32               |         | ± 0     | F             | : 32 F  | ≥ 67        |          | 73 F         | ≥ 80 F                                           |                                                  | F            | Total    |
| Dry Bulb    |               | 974                                              | 4367         | 7                                                | 1764         | 31       | 53.2         | 10.4           | 10          | 33               | 17      |         | $\neg \vdash$ | 1.7     |             |          | 1.3          |                                                  |                                                  |              | Ģ        |
| Wet Bulb    |               | 85                                               | 3169         | 3                                                | 1640         | 72       | 53.2<br>49.8 | 11.2           | 14          | 32               |         |         | $\neg \vdash$ | 4.6     |             | . 8      | •1           |                                                  | 1                                                |              | •        |
| Dew Point   |               | 764                                              | 4772         | 3                                                | 1521         | 40       | 46.2         | 13.7           | 74          | 32               |         |         |               | 16.8    |             | .3       | • 1          |                                                  |                                                  |              | c        |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

9477-54321

1

USAFETAC

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 12911 RANDOLPH AFB

### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFE TEXAS/SAN ANTONIO 38-74

STATION NAME YEARS

MONTH

PAGE 1 (1907)

PAGE 1 0900-1100 HOURS (L. S. T.)

| R4                                                                                                                                                      | Temp.     |     |       |       |       |       | WET           | BULB T  | EMPER       | ATURE          | DEPRE   | SSION (        | F)                                               |                                                  |                                                  |                                                  |          |               | TOTAL                                            |          | TOTAL        |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|-------|-------|-------|-------|---------------|---------|-------------|----------------|---------|----------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|---------------|--------------------------------------------------|----------|--------------|-----------|
| 82/ 81                                                                                                                                                  | (F)       | 0   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10        | 11 - 12 | 13 - 14     | 15 - 16        | 17 - 18 | 19 - 20        | 21 - 22                                          | 23 - 24                                          | 25 - 26                                          | 27 - 28                                          | 29 - 30  | ≥ 31          | D.B./W.E.                                        | Dry Bulb | Wet Bulb     | Dew Point |
| 82/ 81                                                                                                                                                  |           |     |       |       |       |       |               |         |             |                |         | .0             |                                                  |                                                  | •0                                               |                                                  |          |               | 2                                                | 2        |              |           |
| 807 79                                                                                                                                                  | 82/81     |     |       |       |       | • 0   | . 1           |         | • 0         | .0             |         |                |                                                  |                                                  | `                                                |                                                  |          | l             | 7                                                | 7        |              |           |
| 78/ 77                                                                                                                                                  | 807 79    |     |       | • 0   |       | • 1   | . 2           | • 1     |             |                |         |                |                                                  |                                                  |                                                  |                                                  |          | 1             | 16                                               | 16       |              |           |
| 76/ 75                                                                                                                                                  |           |     | . 1   |       | . 5   |       |               |         |             | ه ا            |         |                | ه ا                                              |                                                  |                                                  |                                                  |          | }             | •                                                |          |              | i I       |
| 74/ 73                                                                                                                                                  |           |     |       |       |       |       |               |         |             |                |         |                |                                                  |                                                  |                                                  |                                                  |          | <del></del> - | 126                                              |          | 4            | 2         |
| 72/ 71                                                                                                                                                  |           |     |       |       |       |       | . 3           |         | . 2         | . 2            |         |                |                                                  |                                                  | İ                                                |                                                  |          |               |                                                  |          | 10           | 4         |
| 70/ 69                                                                                                                                                  |           |     |       |       |       |       |               |         | . 4         |                | 1       |                |                                                  | <del> </del> -                                   |                                                  |                                                  |          |               |                                                  |          |              |           |
| 68/ 67                                                                                                                                                  |           | . 1 | 1.1   |       |       |       |               |         |             |                | . 2     |                | [                                                | İ                                                |                                                  | l                                                |          |               |                                                  |          |              |           |
| 66/ 65                                                                                                                                                  |           |     | 1.2   |       |       |       |               |         |             |                | .3      | <del>- 1</del> |                                                  |                                                  | <del>                                     </del> |                                                  |          |               |                                                  |          |              |           |
| 64/ 63                                                                                                                                                  |           | _   | 1.2   |       |       | 1     |               |         |             |                |         |                |                                                  |                                                  | l                                                | i l                                              |          | ļ             | 233                                              |          |              | 177       |
| 627 61                                                                                                                                                  |           |     |       |       |       |       | .7            | . 8     |             |                |         |                | <del></del> -                                    |                                                  |                                                  |                                                  |          | <del> </del>  |                                                  |          |              |           |
| 60/ 59                                                                                                                                                  |           | . 3 | 1.4   |       |       |       | 1.0           | 9       | . 8         | .2             | ة. ا    |                |                                                  |                                                  |                                                  |                                                  |          |               |                                                  |          |              |           |
| 58/ 57                                                                                                                                                  |           |     |       |       |       |       | 1.2           |         |             |                |         |                |                                                  |                                                  | <b></b>                                          |                                                  |          | 1             |                                                  |          | 200          |           |
| 56/ 55                                                                                                                                                  |           |     |       |       | . 8   | 9     |               |         |             |                | •       | 1              |                                                  |                                                  |                                                  |                                                  |          | j             |                                                  |          |              | 150       |
| 54/53                                                                                                                                                   |           |     |       |       | . 8   | . 8   |               |         | • 3         | .1             |         |                | i                                                | <u> </u>                                         | i                                                | <del> </del>                                     |          | <del> </del>  |                                                  | 208      | 204          |           |
| 52/ 51                                                                                                                                                  |           |     |       |       |       |       | . 9           |         |             |                | ļ       |                |                                                  |                                                  |                                                  |                                                  |          |               |                                                  |          |              |           |
| 50/ 49                                                                                                                                                  |           |     | . 8   | .7    |       |       |               |         |             |                |         | <u> </u>       |                                                  |                                                  |                                                  |                                                  |          | 1             |                                                  | 163      |              | 172       |
| 48/ 47                                                                                                                                                  |           |     |       |       |       |       |               |         |             |                |         |                | l                                                | ŀ                                                | ŀ                                                |                                                  |          | 1             |                                                  |          |              |           |
| 46/ 45                                                                                                                                                  |           |     |       |       |       |       |               |         |             |                |         |                |                                                  | <del> </del>                                     | <del>                                     </del> |                                                  |          |               |                                                  | 110      |              |           |
| 44/ 43                                                                                                                                                  |           |     | .5    | . 3   |       |       |               | . 1     | . 1         |                |         |                | ŀ                                                |                                                  |                                                  | l i                                              |          | l             |                                                  |          |              |           |
| 42/41                                                                                                                                                   |           |     |       | • 5   | • 5   |       |               |         |             |                |         |                | i                                                |                                                  |                                                  | l —                                              |          |               | 56                                               | 56       | 178          |           |
| 40 / 39   3                                                                                                                                             |           |     |       |       | . 5   | . 2   |               |         |             | i              |         | 1              |                                                  | }                                                | İ                                                |                                                  |          |               |                                                  |          |              |           |
| 38/ 37                                                                                                                                                  | 40/ 39    |     | ,     |       | . 3   | . 2   |               |         |             |                |         |                | <u> </u>                                         |                                                  |                                                  |                                                  |          | 1             | 32                                               |          |              |           |
| 36 / 35                                                                                                                                                 | 38/ 37    | .1  | . 2   | •0    |       |       |               |         |             | i              |         |                |                                                  | ļ                                                | ļ                                                |                                                  |          | ŀ             |                                                  |          |              |           |
| 34/ 33 •1 •0 •0 •0   5 5 25 140 32/ 31   •1   •1   22 2 24 122 30/ 29   15 110 28/ 27   4 79 26/ 25   5   5   6 7   27 3   29 20/ 19                    | 36/ 35    |     |       |       |       |       |               |         |             | l —            |         |                |                                                  |                                                  |                                                  |                                                  |          |               | 12                                               | 12       | 50           |           |
| 32/ 31                                                                                                                                                  |           |     |       |       |       |       |               |         |             |                |         | 1              |                                                  | ļ                                                |                                                  |                                                  |          | 1             |                                                  |          |              |           |
| 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 18/ 17 Element (X)                                                                                                   |           |     |       |       | .1    |       |               |         |             |                |         | 1              |                                                  | 1                                                | 1                                                |                                                  |          |               | 2                                                | 2        |              |           |
| 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 18/ 17 Element (X)                                                                                                   | 30/ 29    |     | ł     |       |       |       |               | ,       |             |                |         | į              | 1                                                |                                                  | ļ                                                |                                                  |          | i             |                                                  |          | 15           | 110       |
| 26/ 25                                                                                                                                                  | 28/ 27    |     |       |       |       |       |               |         |             |                |         |                |                                                  | <del>                                     </del> |                                                  | <b> </b>                                         |          | 1             |                                                  |          | 4            |           |
| 24/ 23 22/ 21 20/ 19 18/ 17 Element (X)                                                                                                                 | 26/ 25    |     | 1     |       |       |       |               |         |             |                |         |                |                                                  |                                                  |                                                  |                                                  |          |               |                                                  |          |              | 58        |
| 22                                                                                                                                                      | 24/ 23    |     |       |       |       |       |               |         |             | i              |         |                | <del>                                     </del> | <del>                                     </del> |                                                  | <b> </b>                                         |          | 1             | 1                                                |          |              | 37        |
| 20                                                                                                                                                      |           |     |       |       |       |       |               |         |             |                | l       |                |                                                  | İ                                                |                                                  |                                                  |          |               |                                                  |          |              |           |
| 18 / 17    Element (X)                                                                                                                                  | 20/ 19    |     |       |       |       |       |               |         |             |                |         |                | <del>                                     </del> |                                                  |                                                  | 1                                                |          | 1             | <del> </del>                                     |          |              | 21        |
| Element (X)                                                                                                                                             | 18/ 17    |     |       |       |       |       |               |         |             | İ              | İ       | Ì              |                                                  |                                                  |                                                  | ļ                                                |          |               |                                                  |          |              |           |
| Rei. Hum.     £ 0 F     32 F     ≥ 67 F     ≥ 73 F     ≥ 80 F     ≥ 93 F     Total       Dry Bulb     Bulb     Bulb     Bulb     Bulb     Bulb     Bulb |           |     | ZX'   |       |       | Σχ    |               | X       | 1,          | <del>-  </del> | No. O   | 55.            |                                                  | <u></u>                                          |                                                  | Mean P                                           | to. of H | ours wit      | h Tempera                                        | lure     |              |           |
| Dry Bulb Wet Bulb                                                                                                                                       |           |     |       |       |       |       | $\neg \vdash$ |         | <del></del> |                |         |                | £ 0                                              | F .                                              | • 32 F                                           |                                                  |          |               |                                                  | _,       | =            | Total     |
| Wet Bulb                                                                                                                                                |           |     |       |       |       |       |               |         | <u> </u>    |                |         |                |                                                  | $\neg$                                           |                                                  | <del>                                     </del> | _        |               | 1                                                | 1        |              |           |
| Day Point                                                                                                                                               |           |     |       |       |       |       |               |         |             | $\dashv$       |         |                |                                                  | $\neg$                                           |                                                  |                                                  |          |               | <del>                                     </del> |          |              |           |
|                                                                                                                                                         | Dew Point |     |       |       |       |       | $\neg \vdash$ |         |             | _ _            |         |                |                                                  |                                                  |                                                  | -                                                | _        |               | <del> </del>                                     | -        | <del> </del> |           |

AC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OPSOLETE

The same

### **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION | <u>RA</u> | NOOL                                             | PH A                                             | FB T                                             | EXAS           | /SAN                                             | ANT                                              | ONIO      |              | 38-                                              | 74      |             |                                                  | YÉA                                              | RS            | <del></del>    | 949                                              | F 2                                              |                                                  | OV<br>NTH<br>-1100                               |
|-----------------|-----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------------------------------------------|-----------|--------------|--------------------------------------------------|---------|-------------|--------------------------------------------------|--------------------------------------------------|---------------|----------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
|                 |           |                                                  |                                                  |                                                  |                |                                                  |                                                  |           |              |                                                  |         |             |                                                  |                                                  |               |                |                                                  | ,,                                               | U900<br>HOURS (                                  | L. S. (.)                                        |
| Temp.           |           | ,                                                | ·                                                | ,                                                |                |                                                  | BULB 1                                           |           |              |                                                  |         |             | ,                                                | · · · · · ·                                      |               |                | TOTAL                                            |                                                  | TOTAL                                            |                                                  |
| (F)             | 0         | 1 - 2                                            | 3 - 4                                            | 5 - 6                                            | 7 - 8          | 9 - 10                                           | 11 - 12                                          | 13 - 14   | 15 - 16      | 17 - 18                                          | 19 - 20 | 21 - 22     | 23 - 24                                          | 25 - 26                                          | 27 - 28 29    | - 30 ≥ 31      | D.B. W.B.                                        | Dry Bulb                                         | Wet Bulb                                         |                                                  |
| 16/ 15          |           |                                                  |                                                  | [                                                |                |                                                  | !                                                |           |              | Į I                                              |         |             | İ                                                | 1 1                                              | ļ             | į              |                                                  |                                                  | ĺ                                                | 14                                               |
| 14/ 13          |           | ļ                                                | <u> </u>                                         |                                                  | <u> </u>       |                                                  | ļ                                                |           |              |                                                  |         |             | ļ                                                | <del>├</del>                                     | _             |                | ļ                                                | ļ                                                |                                                  |                                                  |
| 12/ 11          |           |                                                  | ŀ                                                |                                                  | ĺ              |                                                  |                                                  |           |              | •                                                |         |             |                                                  |                                                  | - [           |                | 1                                                |                                                  | i                                                |                                                  |
| 10/ 9           |           | <del> </del> -                                   | <u> </u>                                         |                                                  | <u> </u>       |                                                  | ļ                                                |           |              |                                                  |         |             | <u> </u>                                         |                                                  |               |                |                                                  |                                                  | <del> </del> -                                   | :                                                |
| 8/ 7            |           | 1                                                | 1                                                |                                                  |                | İ                                                |                                                  |           |              |                                                  |         |             |                                                  | 1 1                                              | į             |                | 1                                                |                                                  | 1                                                | 1                                                |
| 6/ 5            |           | ļ                                                |                                                  | <u> </u>                                         | <u> </u>       | ├                                                |                                                  |           | <u> </u>     |                                                  |         |             |                                                  | <del>├</del> -                                   |               |                |                                                  | ├──-                                             | <b>├</b> ──                                      | -                                                |
|                 |           | 1                                                | ŀ                                                | i                                                |                |                                                  |                                                  |           |              |                                                  |         |             |                                                  |                                                  | -             |                |                                                  | ŀ                                                |                                                  | ŀ                                                |
| 0/ -1 OTAL      | 1 7       | 15 2                                             | 17 4                                             | 11 6 5                                           | 16 6           | 100                                              | 9.2                                              | E 2       | 2 ^          | 1, 3                                             |         | <del></del> | <del> </del>                                     | ┼──┼                                             | <del> -</del> |                | +                                                | 3317                                             |                                                  | 330                                              |
| WIAL            | 1.0       | 15.5                                             | 1.00                                             | 10.3                                             | 12.2           | 12400                                            | 7.2                                              | 2.4       | 2.0          | 1,0                                              | • 6     | • 1         |                                                  | • 0                                              |               |                | 3300                                             |                                                  | 3308                                             |                                                  |
|                 |           |                                                  | <del> </del>                                     | -                                                | -              | <del>                                     </del> |                                                  |           |              | <del> </del>                                     |         |             |                                                  | ┼──┼                                             | <del></del>   |                | 1300                                             | <del> </del> -                                   | 3.00                                             | <del> </del>                                     |
|                 |           |                                                  | ]                                                |                                                  |                | 1                                                |                                                  |           | •            | 1                                                |         |             | İ                                                |                                                  | i             | ĺ              | İ                                                | l                                                |                                                  |                                                  |
|                 |           | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del> </del> - | <del> </del>                                     | <del> </del>                                     |           |              | <del>                                     </del> |         |             |                                                  | ╁──╁                                             |               |                | <del> </del>                                     | ├──                                              | <del> </del> -                                   | <del>                                     </del> |
|                 |           |                                                  | l                                                |                                                  |                | İ                                                |                                                  |           |              | i :                                              |         |             |                                                  |                                                  |               |                | 1                                                | i                                                |                                                  | l                                                |
|                 |           | ╌                                                | <del>                                     </del> | <del>                                     </del> |                | <del> </del>                                     | <del> </del>                                     |           | <del> </del> | <del>                                     </del> |         |             |                                                  | <del>  -</del>                                   |               | <del> </del> - | <del> </del>                                     | ├──                                              | <del> </del>                                     |                                                  |
|                 |           | 1                                                |                                                  | 1                                                |                |                                                  |                                                  |           |              |                                                  |         |             | 1                                                | 1 1                                              |               | ĺ              | Ì                                                |                                                  | ļ                                                |                                                  |
|                 |           | ├──-                                             | <del> </del> -                                   | <del>                                     </del> | 1              | <del> </del> -                                   |                                                  |           |              | <del>                                     </del> |         |             | -                                                | 1                                                | <del></del>   |                | <del></del> -                                    | <del> </del>                                     | <del> </del>                                     | 1                                                |
|                 |           | 1                                                | 1                                                | i                                                | 1              | 1                                                |                                                  |           | 1            |                                                  |         |             |                                                  | 1 1                                              |               |                | İ                                                | 1                                                | į                                                | 1                                                |
|                 |           |                                                  | <del> </del>                                     | <del> </del>                                     |                | <del> </del>                                     | 1                                                |           |              |                                                  |         |             | <del>                                     </del> |                                                  |               | <del></del>    | <del> </del>                                     |                                                  | <del> </del>                                     | <del>                                     </del> |
|                 |           | 1                                                | ļ                                                | İ                                                | 1              |                                                  |                                                  |           | 1            | l                                                |         |             |                                                  | 1                                                |               | 1              |                                                  | 1                                                |                                                  |                                                  |
|                 | _         | +                                                | ╁                                                | !                                                |                | 1                                                | <del>                                     </del> |           |              | <del>                                     </del> |         |             | · · · · ·                                        | <del>                                     </del> |               |                | <del>                                     </del> | <del>                                     </del> | <del> </del> -                                   | <del>                                     </del> |
|                 |           | l                                                | ł                                                |                                                  |                |                                                  |                                                  |           |              | !                                                |         |             | 1                                                |                                                  |               | -              | 1                                                |                                                  |                                                  |                                                  |
| $\overline{}$   |           | i                                                |                                                  | i                                                |                | <del>                                     </del> | <del> </del>                                     |           |              |                                                  |         |             | <del>                                     </del> |                                                  |               |                |                                                  | 1                                                | <del>                                     </del> | <del>                                     </del> |
| İ               |           |                                                  | 1                                                | 1                                                | 1              |                                                  |                                                  |           |              | l                                                |         |             |                                                  |                                                  |               | İ              |                                                  | 1                                                |                                                  | 1                                                |
|                 |           | †                                                |                                                  |                                                  |                |                                                  | 1                                                |           |              | 1                                                |         |             |                                                  |                                                  |               |                | 1                                                |                                                  |                                                  |                                                  |
|                 |           | 1                                                | 1                                                |                                                  |                |                                                  | 1 :                                              |           |              |                                                  |         |             |                                                  | 1 1                                              | ļ             | 1              | 1                                                | 1                                                | 1                                                | Į                                                |
|                 |           |                                                  |                                                  | $\sqcap$                                         | [              |                                                  |                                                  |           | i            |                                                  |         |             |                                                  | 1                                                |               |                | 7                                                |                                                  | 1                                                | 1                                                |
|                 |           | 1                                                |                                                  |                                                  |                |                                                  |                                                  |           |              |                                                  |         |             |                                                  |                                                  |               |                |                                                  |                                                  | 1                                                |                                                  |
|                 |           | T                                                | l                                                | T                                                | Γ              | T                                                | 1                                                |           |              | Ī                                                |         |             |                                                  | 1                                                |               |                |                                                  | Ĭ .                                              |                                                  |                                                  |
|                 |           |                                                  | L_                                               |                                                  |                | <u>L</u> _                                       |                                                  | L         |              | <u> </u>                                         |         |             | <u>L</u>                                         |                                                  |               |                |                                                  |                                                  |                                                  |                                                  |
|                 |           |                                                  |                                                  | Ī                                                |                |                                                  | 1                                                |           |              |                                                  |         |             |                                                  |                                                  |               | i              |                                                  |                                                  | 1                                                |                                                  |
|                 |           |                                                  | <u> </u>                                         | <u></u>                                          |                |                                                  |                                                  |           | L            | <u>L</u>                                         |         |             | <u>L</u> .                                       |                                                  |               | ,<br>l         |                                                  |                                                  | <u> </u>                                         |                                                  |
|                 |           |                                                  |                                                  | Ĭ T                                              |                | 1                                                |                                                  |           |              |                                                  |         |             | ļ                                                |                                                  |               |                |                                                  |                                                  |                                                  | 1                                                |
|                 |           | <u></u>                                          | <u></u>                                          | <b> </b>                                         | <u> </u>       | <u></u>                                          |                                                  |           |              | <u> </u>                                         |         |             | <u> </u>                                         |                                                  |               |                | <u> </u>                                         | <u> </u>                                         | <u></u>                                          | <u></u>                                          |
| Element (X)     |           | Z X 2                                            | 000:                                             |                                                  | Σχ             |                                                  | X                                                | <b>",</b> |              | No. Ol                                           |         |             |                                                  |                                                  |               | of Hours wi    |                                                  |                                                  |                                                  |                                                  |
| Rel. Hum.       |           |                                                  | 3851                                             |                                                  | 2142           |                                                  | 64.8                                             |           |              | 33                                               |         | = 0         | F                                                | = 32 F                                           | ≥ 67 F        | ≥ 73 F         | ≥ 80 F                                           |                                                  | F                                                | Total                                            |
| Dry Bulb        |           |                                                  | 2213                                             |                                                  | 2019           |                                                  | 60.9                                             | 9.5       | 54           |                                                  | 17      |             | !.                                               | •1                                               | 23.4          |                |                                                  | 5                                                |                                                  | ú                                                |
| Wet Bulb        |           |                                                  | 2942                                             |                                                  | 1789           |                                                  | 54.1                                             | 7.9       | 4 /          |                                                  | 08      |             |                                                  | 1,2                                              | 12.0          |                |                                                  |                                                  |                                                  | 9                                                |
| Dew Point       |           | 815                                              | 9449                                             | <u>'L</u>                                        | 1578           | 343                                              | 47.7                                             | 13.7      | 79           | 33                                               | 60      |             | •0                                               | 13.8                                             | 6.4           |                | 2                                                |                                                  |                                                  | 9                                                |

FORM 0-26-3 (OL A) \*REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

| 12911 | RANDOLPH AF6 TEXAS/SAN ANTONIU | 38-74 | 100V | 100NTH | 1200-1400 | 100NS (L. S. T.)

| Temp.         |     |              |          |            |          | WET    | BULB T           | EMPER.      | ATURE       | DEPRE        | SSION ( | F)       |              |                                                  |               |         |              | TOTAL          |            | TOTAL        |           |
|---------------|-----|--------------|----------|------------|----------|--------|------------------|-------------|-------------|--------------|---------|----------|--------------|--------------------------------------------------|---------------|---------|--------------|----------------|------------|--------------|-----------|
| (F)           | 0   | 1 - 2        | 3 - 4    | 5 - 6      | 7 - 8    | 9 - 10 | 11 - 12          | 13 - 14     | 15 - 16     | 17 - 18      | 19 - 20 | 21 - 22  | 23 - 24      | 25 - 26                                          | 27 - 28       | 29 - 30 | ≥ 31         | D.B./W.B.      | Dry Bulb   | Wet Bulb     | Dew Point |
| 90/ 89        |     |              |          |            |          |        |                  |             |             |              | . 1     |          |              |                                                  |               |         |              | 5              | 2          |              |           |
| 88/ 87        |     |              |          |            |          |        |                  |             | •0          |              |         |          |              | • 1                                              | • 2           |         |              | P              | 8          |              |           |
| 86/ 85        |     |              |          |            |          |        |                  | • 2         | • 2         | • 1          | • 2     | • 1      | . 1          | • 1                                              |               |         |              | 24             | 24         |              |           |
| 84/ 83        |     |              | !        |            |          | • 1    | • 2              | • 5         | . 4         |              |         | • 2      | • 2          |                                                  | • 0           |         |              | 56             | 66         |              |           |
| 82/ 81        |     |              | Ĭ        | -0         | . 3      | • 6    | 1.1              | . 7         | • 6         |              |         | • 2      | • 2          |                                                  | Ī             |         |              | 130            | 130        |              |           |
| 80/ 79        |     |              | _ • 0    | • 2        | . 8      | 1.2    | 1.2              | 1.0         | . 5         |              |         |          | • 2          |                                                  |               |         |              | 196            | 196        |              |           |
| 78/ 77        |     | • 0          | • 2      | • 9        | 1.3      | 1.2    | 1.6              | • 5         | . 6         | • 5          | . 3     | • 2      | • 1          |                                                  |               |         |              | 251            | 251        |              | 1         |
| 76/ 75        |     | •0           | • 2      | .9         | 1.3      | 1.2    | 1.4              | 1.0         | • 7         | • 4          |         | . 4      | <u>• 1</u>   | • 0                                              |               |         |              | 261            | 261        | 7            |           |
| 74/ 73        |     | • 1          | • 2      | . 8        | 1.1      | 1.3    | • 7              | • 5         | • 5         |              | .5      |          |              | !                                                |               |         |              | 215            | 215        | 32           |           |
| 72/ 71        |     | • 3          | • 2      | 1.0        | 1.3      | .7     | 1.1              | . 8         | . 8         |              | .7      | • 2      | . 1          |                                                  |               |         |              | 267            | 269        | 114          |           |
| 70/ 69        | •0  |              | • 6      | • 7        | • 5      | 1.0    | • 9              | 1.2         | 1.0         |              |         |          |              |                                                  |               |         |              | 261            | 262        | 220          |           |
| 68/ 67        |     | • 4          | • 5      | • 6        | - 5      | - 4    | 1.0              | 1.1         | 1.1         | . 8          |         | •0       |              |                                                  |               |         |              | 210            |            | 207          |           |
| 66/ 65        |     | • 4          | • 5      | , 3        | - 5      | • 7    | . • 7            | 1.1         | 1.2         | • 5          |         |          |              |                                                  |               |         |              | 201            | 201        | 261          | 156       |
| 64/ 63        | • 1 | • 5          | • 3      | <u>. 5</u> | - 4      | 6      | 1.0              | 1.1         | 1.0         |              |         |          |              | -                                                |               |         |              | 194            | 194        | 232          |           |
| 62/ 61 60/ 59 | .1  | • 3          | • 5      | • 5        | • 3      | .7     | • 7              | .8<br>1.0   | 1.2         | ,3           | •0      |          |              | ]                                                |               |         |              | 182<br>171     | 182<br>171 | 186          |           |
| 58/ 57        | •1  |              | • 4      | • 3        | -6<br>-3 | • 6    | $-\frac{.7}{.8}$ |             | • 1         | •1           |         |          |              | -                                                | <b>  </b>     |         |              | 118            |            | 194          |           |
| 56/ 55        | .1  |              | . 2      | .4         | .4       | , 8    | - 4              | .6          | • 0         |              | İ       |          |              |                                                  | l f           |         |              | 121            | 121        | 234          |           |
| 54/ 53        | •   | .2           | • 5      | • 5        | • 5      | • 6    | . 3              | • 2         | •0          |              |         |          |              | <del>                                     </del> |               |         | ·            | 97             | 97         | 241          | 169       |
| 52/ 51        |     | .5           | .4       | . 3        | . 4      | . 8    |                  | . 1         | •0          | 1            |         |          |              |                                                  |               |         |              | 94             | 94         | 242          |           |
| 50/ 49        | •0  |              | . 5      | • 1        | • 4      | • 5    | . 2              | • 1         | •1          |              |         |          |              | <b>-</b>                                         |               |         |              | 71             | 71         | 238          |           |
| 48/ 47        | .2  |              | • 1      | • 0        |          | . 2    | • 2              |             |             |              |         |          |              |                                                  |               |         |              | 49             | 49         | 188          |           |
| 46/ 45        | • 1 | • 2          | • 3      | • 2        | • 2      | • 1    | • 2              |             |             |              |         |          |              |                                                  |               |         |              | 46             | 46         | 181          | 152       |
| 44/ 43        |     | • 2          | • 2      | • 2        | . 1      |        | • 2              |             |             |              |         |          |              |                                                  |               |         |              | 29             |            | 100          |           |
| 42/ 41        |     | • 2          | • 1      | • 2        | • 0      | •0     |                  |             |             |              |         |          |              | 1                                                |               |         |              | 19             |            | 96           |           |
| 40/ 39        | .0  |              |          | • 0        |          | • 1    |                  |             |             |              |         |          | <u> </u>     | <u> </u>                                         | !             |         |              | 13             |            | <u>60</u>    |           |
| 38/ 37        | • 1 | • 0          |          | _          |          |        |                  |             |             | ]            |         |          |              |                                                  |               |         |              | 4              | 4          | 37           |           |
| 36/ 35        |     |              |          | •0         |          |        |                  |             |             | <u> </u>     |         |          |              | ļ                                                |               |         |              | 1              | 1          | 21           |           |
| 34/ 33        | •0  | • 1          |          |            |          |        |                  |             |             |              |         |          |              |                                                  |               |         |              | 3              | 3          | 13           |           |
| 32/ 31        |     | <u> </u>     |          |            |          |        |                  |             |             | <del> </del> |         |          | <b></b>      |                                                  |               |         |              | <del>-</del> 1 |            | <del>3</del> |           |
| 30/ 29        |     | •0           |          |            |          |        |                  |             |             |              | Į       |          |              |                                                  |               |         |              | 1              |            | .5           | 104<br>81 |
| 26/ 25        | ļ   | <del> </del> |          |            |          |        |                  | <del></del> |             | <del></del>  |         | <u> </u> | <del> </del> | <del> </del>                                     | <del>  </del> |         | <del> </del> | <b></b> -      |            |              | 57        |
| 24/ 23        |     |              |          |            |          |        |                  |             |             |              |         |          | !            |                                                  |               |         | •            |                | Ì          |              | 46        |
| Element (X)   |     | Z X2         | <u>-</u> |            | z x      |        | X                | ₹ v         | <del></del> | No. Ob       | s. T    |          | L            | I                                                | Mean N        | o. of H | ours with    | h Tempera      | ture       |              | ·         |
| Rel. Húm.     |     |              |          |            |          | _      |                  |             | 7           |              |         | ± 0      | F            | ≤ 32 F                                           | ≥ 67          |         | 73 F         | ≥ 80 F         | ≥ 93 F     |              | Total     |
| Dry Bulb      |     |              |          |            |          |        |                  |             |             |              |         |          |              |                                                  |               |         |              |                | <u> </u>   |              |           |
| Wet Bulb      |     |              |          |            |          |        |                  |             |             |              |         |          |              |                                                  |               |         |              |                |            |              |           |
| Pow, Points.  | 6   |              |          |            |          |        |                  |             |             |              |         |          |              |                                                  |               |         |              |                |            |              |           |

A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-3 (OI

### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | RA          | NDOL  | PH A     | F8 T  | EXAS           | /SAN                                             | IANT     | 0110    | <del></del> | 3n-     | 74      |          |          | YE                                               | ARS      |              |              |                                                  | E 2          | MOI              |              |
|------------------|-------------|-------|----------|-------|----------------|--------------------------------------------------|----------|---------|-------------|---------|---------|----------|----------|--------------------------------------------------|----------|--------------|--------------|--------------------------------------------------|--------------|------------------|--------------|
|                  |             |       |          |       |                |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              | PAG                                              | c 2          | 1200<br>HOURS (I | . s. t.)     |
| Temp.            |             |       |          |       |                |                                                  | BULB     |         |             |         |         |          |          |                                                  |          |              |              | TOTAL                                            |              | TOTAL            |              |
| (F)              | 0           | 1 - 2 | 3 - 4    | 5 • 6 | / - 8          | 9 - 10                                           | 11 - 12  | 13 - 14 | 15 - 16     | 17 - 18 | 19 - 20 | 21 - 22  | 23 - 24  | 45 - 26                                          | 27 - 28  | 29 - 30      | ≥ 31         | D.B./W.B.                                        | Dry Bulb     | Wet Bulb         | Dew Poin     |
| 22/ 21 20/ 19    |             |       |          | _     |                |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              |                                                  |              |                  | 36<br>28     |
| 18/ 17<br>16/ 15 |             |       |          |       |                |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              |                                                  |              |                  | 16<br>5      |
| 14/ 13<br>12/ 11 |             |       |          |       |                |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              |                                                  |              |                  | 2<br>4       |
| 10/ 9            |             |       |          |       |                |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              |                                                  |              |                  | 4            |
| 6/ 5             |             |       |          |       |                | i                                                |          |         |             |         |         |          | 1        |                                                  |          |              |              |                                                  |              |                  | 11<br>3<br>4 |
| 2/ 1<br>TDTAL    | , d         | 6.4   | 6.2      | 9.3   | 11.3           | 14.3                                             | 14.7     | 13.0    | 10.7        | 6.4     | 3.7     | 1.6      | .8       | •2                                               | .2       |              |              |                                                  | 3317         |                  | 2<br>3313    |
|                  |             |       |          |       |                |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              | 3314                                             |              | 3314             |              |
|                  |             |       |          |       | <u> </u>       |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              |                                                  |              |                  |              |
|                  |             |       |          |       |                |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              |                                                  |              |                  |              |
|                  |             |       |          |       |                | _                                                |          |         |             |         |         |          |          | <u> </u>                                         |          | <del></del>  | <del> </del> |                                                  |              |                  |              |
|                  |             |       |          |       | <del>  -</del> |                                                  |          |         |             |         |         |          |          |                                                  |          |              |              |                                                  |              |                  |              |
|                  |             |       |          |       |                |                                                  |          |         |             |         |         |          | -        |                                                  |          |              |              | <del>                                     </del> |              |                  |              |
|                  |             |       |          |       |                | <del>                                     </del> |          |         |             |         |         |          |          |                                                  | <u> </u> |              |              | <b> </b>                                         |              |                  |              |
|                  |             |       |          |       |                |                                                  |          |         | ļ. <u></u>  |         |         |          | _        |                                                  |          |              |              |                                                  |              |                  |              |
|                  | _           |       |          |       | <del> </del> - |                                                  | -        |         |             |         |         |          |          |                                                  |          |              | <del> </del> |                                                  |              |                  |              |
|                  |             |       | <u> </u> |       |                | -                                                | <u> </u> |         |             |         |         |          |          | <del>                                     </del> |          | <del> </del> | -            | <del> </del>                                     | <del> </del> | <del> </del>     |              |
|                  |             | [<br> |          |       | <del> </del>   |                                                  | ļ        |         |             |         |         |          |          |                                                  |          |              | <del> </del> |                                                  |              | <del> </del>     |              |
| Element (X)      | <del></del> | Σχ²   | <u> </u> |       | ZX             | <del>Гт-</del>                                   | X        | •,      | <u> </u>    | No. Ob  | 6.      | <u> </u> | <u> </u> | <u> </u>                                         | Mean     | No. of H     | lours wit    | h Tempera                                        | lure         | L                | L            |
| Rel. Hum.        |             |       | 2986     |       | 1742           | 92                                               | 52.6     | 20.0    | 67          | 33      | 13      | ⊴ 0      | F        | ± 32 F                                           | ≥ 67     |              | ≥ 73 F       | ≥ 60 F                                           | ≥ 23         | F                | Total        |
| Dry Bulb         |             | 1534  | 5554     |       | 2230           | 70                                               | 67.3     | 10.1    | 85          | 33      | 17      |          |          | • 0                                              |          | .6           | 71.3         | 9,                                               | 7            |                  | ი0           |
| Wet Bulb         |             |       | 8733     |       | 1875           |                                                  | 56.6     | 9.3     | 38          | 33      |         |          |          | , 3                                              |          | .8           | 1.1          |                                                  |              |                  | ეე           |
| Dew Point        |             | 808   | 4528     |       | 1572           | 26                                               | 47.5     | 13.7    | 15          | 33      | 13      |          |          | 14.2                                             | 5        | • 1          | • 2          |                                                  |              |                  | 91)          |

#### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO NiiV 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | × 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 90/ 89 88/ 87 86/ 85 41 41 . 1 • 1 84/ 83 94 94 827 81 165 165 • 1 80/ 79 229 229 1.2 787 77 221 1.1 221 1.1 76/ 75 269 269 237 741 73 236 6 72/ 71 239 240 99 192 70/ 69 53 276 .6 1.1 1.3 1.1 275 77 68/ 67 197 197 207 150 186 275 66/ 65 166 64/ 63 184 184 132 173 62/61 196 205 196 60/ 59 159 159 213 177 194 58/ 57 107 107 227 56/ 55 100 109 263 183 54/ 53 229 107 172 • 0 107 52/ 64 231 130 64 141 50/ 49 56 249 56 48/ 47 57 5 7 178 136 171 38 46/ 45 38 166 44/ 43 27 115 150 42/ 41 15 87 142 15 40/ 39 . 2 10 10 131 46 38/ 37 132 .0 41 36/ 35 170 133 34/ 33 32/ 31 136 93 30/ 29 28/ 27 75 26/ 25 66 No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F ≥ 73 F ≤ 32 F ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb

9477.5

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSO

ICAFETAC FO

Dew Paint

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

### **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION  | <u>ka</u> | พบบโ             | PH A     | rb T     | ATION N        | 15AN   | ANT     | กมาภ    |         | 38-      | 74      |         |                  | YI           | CARS           |           |                                                  |              |              | MQ                                               | UV<br>HTH    |
|------------------|-----------|------------------|----------|----------|----------------|--------|---------|---------|---------|----------|---------|---------|------------------|--------------|----------------|-----------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           |                                                  | PAG          | E 2          | 1500-                                            | -170(        |
| Temp.            |           |                  |          |          |                |        | BULB 1  |         |         |          |         |         |                  |              |                |           |                                                  | TOTAL        |              | TOTAL                                            | _            |
| (F)              | 0         | 1 - 2            | 3 - 4    | 5 - 6    | 7 - 8          | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24          | 25 - 26      | 27 - 28        | 29 - 30   | ≥ 31                                             | D.B. W.B.    | Dry Bulb     | Wet Bulb                                         | Dew Poi      |
| 22/ 21<br>20/ 19 |           |                  |          |          |                |        | İ       |         |         |          |         |         |                  |              |                |           |                                                  |              |              |                                                  | 4            |
| 18/ 17<br>16/ 15 |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           |                                                  | İ            |              |                                                  | 2            |
| 14/ 13           |           |                  |          |          |                |        |         |         |         |          |         |         |                  | <b> </b>     |                |           | <del> </del>                                     | <del> </del> | l            |                                                  |              |
| 12/ 11<br>10/ 9  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           | ├─                                               |              |              |                                                  |              |
| 8/ 7             |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           |                                                  | <del> </del> |              |                                                  |              |
| 4/ 3<br>0/ -1    |           |                  |          |          |                |        |         |         |         |          |         |         |                  | <u> </u>     |                |           |                                                  |              | ļ            | <br>                                             |              |
| OTAL             | •9        | 6.3              | 4.9      | 7.4      | 9.7            | 12.3   | 13.7    | 14.4    | 12.5    | 6.1      | 4.9     | 2.8     | 1.6              | • 4          | .2             | 1.1       | <u> </u>                                         | 3316         | 3319         | 3316                                             | 331          |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         | ļ                | <u> </u>     |                |           |                                                  | 3510         |              | 3310                                             |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              | <u>L</u> .     |           |                                                  |              |              |                                                  |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           |                                                  |              |              |                                                  |              |
|                  |           | <b></b>          |          | <u> </u> |                |        |         |         |         |          |         |         |                  |              |                |           | <del>                                     </del> |              |              | <del>                                     </del> |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  | <del> </del> | <u> </u>       |           | -                                                | <del> </del> | <del> </del> |                                                  |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           | -                                                | <u> </u>     |              |                                                  |              |
|                  |           |                  | <u> </u> |          |                |        |         |         |         |          |         | ļ       | <br>             | ļ            | <u> </u>       |           | <del> </del> -                                   |              |              |                                                  |              |
|                  |           |                  | <u> </u> |          |                |        |         | ļ       |         | <u> </u> |         |         | <br><del> </del> | <u> </u>     | ļ              |           | ļ                                                | ļ            |              |                                                  |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           |                                                  |              |              |                                                  |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                |           |                                                  |              | Ì            |                                                  |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  |              |                | Γ-        |                                                  |              |              |                                                  |              |
|                  |           |                  |          |          |                |        |         |         |         |          |         |         |                  | $\dagger$    |                |           | <del>                                     </del> |              |              |                                                  | <del> </del> |
| Element (X)      |           | Z <sub>X</sub> ' |          |          | z <sub>x</sub> |        | X       | •       |         | No. Ob   |         | L       | L                | <u> </u>     | Mean           | 140. of t | lours wil                                        | - Tempera    | ture         | L                                                | l            |
| tel. Hum.        |           |                  | 9509     |          | 1664           | 25     | 50.2    | 20.3    | 80      | 33       |         | ± 0     | F                | ± 32 F       | 2 67           |           | ≥ 73 F                                           | ≥ 60 F       | ▶ 93         | F                                                | Total        |
| Dry Bulb         |           |                  | 3243     |          | 2263           | 23     | 68.2    | 10.2    | 74      | 33       |         |         |                  |              |                | .2        | 34.8                                             |              | 3            |                                                  |              |
| Wet Bulb         |           |                  | 8762     |          | 1879           |        | 56.7    | 9.0     | 38      | 33       |         |         |                  | 10.          |                | .7        | 1.2                                              |              | _            |                                                  |              |
| Dew Point        |           | 788              | 1816     | <u>L</u> | 1552           | 02     | 46,8    | 112.5   | 89      | 33       | 16      |         | •1               | 15.0         | <u> 4 – 4 </u> | •0        | • 2                                              | :            |              |                                                  |              |

RANUDLPH AFB TEXAS/SAN ANTONIU

12911

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### **PSYCHROMETRIC SUMMARY**

1800-2000 Hours (L. s. t.) WET BULB TEMPFRATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 34/ 83 • 0 .0 82/ 81 80/ 79 23 • 1 • 1 • 1 78/ 77 75 .0 767 1.0 142 142 • 1 74/ 73 200 200 1.1 1.7 206 276 59 25 71 72/ 1.0 94 70/ 69 1.6 233 234 40 1.2 68/ 67 215 215 84 1,1 .6 255 66/ 65 256 201 142 235 64/ 63 •1 .6 1.1 234 186 145 62/ 61 1.1 1.1 267 267 209 162 . 6 50/ 59 247 248 211 158 1.0 1.0 1,1 229 58/ 57 1.1 1.2 1,1 1.2 239 214 167 56/ 55 1.1 1.3 • 5 202 202 210 191 • 7 53 244 168 167 54/ 167 139 51 52/ 1.0 132 132 245 50/ 49 1.0 147 147 158 214 48/ 47 174 221 1.0 111 111 . 6 58 46/ 45 58 240 • 4 44/ 43 155 170 41 39 44 40/ • 1 24 24 118 142 . 1 38/ 37 54 156 36/ 35 46 162 34/ <u>33</u> 32/ 31 21 132 11 119 98 30/ 53 185 27 73 26/ 25 23 50 24/ 20/ 19 14 18/ 17 Element (X) No. Obs. 267 F 273 F 280 F 293 F Rel. Hum. ± 32 F Total Dry Bulb Wet Bulb Dew Point

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# **PSYCHROMETRIC SUMMARY**

| Temp.              |     |                                                  |               |                |                                                  |          |                                                  |                       |                  | 3 h =        |              |          |          | 16           | ARS     |               |          |                                                  |          |                                                  | L V<br>DNTH                                      |
|--------------------|-----|--------------------------------------------------|---------------|----------------|--------------------------------------------------|----------|--------------------------------------------------|-----------------------|------------------|--------------|--------------|----------|----------|--------------|---------|---------------|----------|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|
|                    |     |                                                  |               |                |                                                  |          |                                                  |                       |                  |              |              |          |          |              |         |               |          | PAG                                              | Ē Z      | 1800<br>HOURS (                                  | -200<br>L. S. T.)                                |
|                    |     |                                                  |               |                |                                                  |          | BULB                                             |                       |                  |              |              |          |          |              |         |               |          | TOTAL                                            |          | TOTAL                                            |                                                  |
|                    | 0   | 1 - 2                                            | 3 - 4         | 5 - 6          | 7 - 8                                            | 9 - 10   | 11 - 12                                          | 13 - 14               | 15 - 16          | 17 - 18      | 19 - 20      | 21 - 22  | 23 - 24  | 25 - 26      | 27 - 28 | 29 - 30       | ≥ 31     | D.B./W.B.                                        | Dry Bulb | Wet Bulb                                         | Dew Po                                           |
| 16/ 15<br>14/ 13   |     | }                                                |               |                |                                                  |          |                                                  |                       |                  |              |              |          |          |              |         |               |          |                                                  |          |                                                  | 1                                                |
| 12/ 11             |     |                                                  |               |                | <del> </del>                                     |          | <u> </u>                                         |                       |                  |              |              |          |          | <del> </del> |         |               |          |                                                  |          | <del>                                     </del> |                                                  |
| 10/ 9<br>8/ 7      |     | <u> </u>                                         |               | <del> </del>   | <del> </del>                                     | -        |                                                  | <u> </u>              |                  |              |              |          |          | -            |         |               |          |                                                  |          |                                                  | -                                                |
| 6/ 5               |     |                                                  |               |                |                                                  |          |                                                  |                       |                  | <u> </u>     |              |          |          | ļ            |         |               |          |                                                  |          |                                                  |                                                  |
| 4/ 3<br>OTAL       | 1.4 | 10.1                                             | 15.9          | 17.4           | 16.4                                             | 14.8     | 11.7                                             | 6.3                   | 3.8              | 1.4          | .6           | •2       |          |              |         |               |          |                                                  | 3314     |                                                  | 731                                              |
|                    |     |                                                  |               |                |                                                  |          |                                                  |                       |                  |              |              |          |          |              |         |               |          | 3310                                             |          | 3310                                             |                                                  |
|                    |     | -                                                |               |                | <del>                                     </del> |          |                                                  |                       |                  | -            |              |          |          |              |         |               |          |                                                  |          |                                                  |                                                  |
|                    |     | <u> </u>                                         | ļ             |                | <del> </del>                                     |          | <del>                                     </del> |                       |                  | -            |              |          |          | -            |         |               | <u> </u> | <del> </del> -                                   |          |                                                  | <del> </del>                                     |
|                    |     |                                                  |               |                |                                                  |          | ļ                                                |                       | <br><del> </del> |              |              |          |          | -            |         |               |          |                                                  |          |                                                  | ļ                                                |
|                    |     | l                                                |               |                |                                                  |          |                                                  |                       |                  |              | l            |          |          |              |         |               |          |                                                  |          |                                                  |                                                  |
|                    |     |                                                  |               |                |                                                  |          |                                                  |                       |                  |              |              |          |          |              |         |               |          |                                                  |          |                                                  |                                                  |
|                    |     | <del>                                     </del> |               |                |                                                  |          | $\vdash$                                         |                       |                  |              |              |          |          |              |         |               |          |                                                  |          | <del> </del>                                     | $\vdash$                                         |
|                    |     |                                                  | <del> </del>  | <u> </u>       | -                                                |          | <del>                                     </del> | <u> </u>              | -                |              |              |          |          | -            |         |               | <u> </u> |                                                  |          |                                                  | <del>                                     </del> |
|                    |     | ļ                                                | <u> </u>      | <u> </u>       |                                                  |          | ļ                                                |                       | <u> </u>         | <u> </u>     | <u> </u>     | <u> </u> |          | -            |         |               | <u> </u> | <u> </u>                                         |          | ļ                                                | <u> </u>                                         |
|                    |     |                                                  |               | <u> </u>       |                                                  |          |                                                  |                       |                  |              |              |          | <u> </u> |              |         |               |          |                                                  |          |                                                  |                                                  |
|                    |     |                                                  |               |                |                                                  |          |                                                  |                       |                  |              |              |          |          |              |         |               |          |                                                  |          |                                                  |                                                  |
|                    |     |                                                  |               |                |                                                  |          |                                                  |                       |                  |              |              |          |          |              |         |               |          |                                                  |          |                                                  |                                                  |
|                    |     |                                                  | <del> </del>  | ├              |                                                  |          | -                                                |                       | -                | $\vdash$     |              |          | -        |              |         |               |          | <del>                                     </del> |          |                                                  | -                                                |
|                    |     | <del> </del>                                     | -             | <del> </del> - | -                                                | <u> </u> | ļ                                                | <u> </u>              | <u> </u>         | <del> </del> | <del> </del> | -        |          | -            |         |               | <u> </u> | <del> </del>                                     |          |                                                  | $\vdash$                                         |
|                    |     | <u> </u>                                         | <u> </u>      | <u> </u>       |                                                  |          | <u> </u>                                         |                       |                  |              | <u> </u>     | <u> </u> |          | <u> </u>     |         |               |          |                                                  | ļ        |                                                  | <u> </u>                                         |
|                    |     |                                                  |               | <u> </u>       | <u> </u>                                         |          |                                                  |                       |                  |              |              |          |          |              |         |               |          |                                                  |          |                                                  |                                                  |
| Element (X)        |     | Σχ²                                              |               |                | Σχ                                               |          | X                                                | <b>*</b> <sub>x</sub> |                  | No. 0        |              |          |          |              | _       | $\overline{}$ |          | h Tempera                                        |          | ·                                                |                                                  |
| Rel. Hum.          |     |                                                  | 6030          |                | 2054                                             | 44       | 62.1                                             | 19.3                  | 94               |              | 10           | ≤ 0      | F        | ≤ 32 F       | ≥ 67    |               | 73 F     | - 80 F                                           | ≥ 93     | F                                                | Total                                            |
| Dry Bulb           |     | 1280                                             | 8694          | <u>!</u>       | 2036                                             | 86       | 61.5                                             | 9.3                   | 51               |              | 14           |          | -        |              | 29      |               | 11.8     |                                                  | 4        |                                                  | (                                                |
| Wet Bulb Dew Point |     | 993                                              | 39198<br>5742 | 1              | 1786<br>1558                                     | 72       | 54.0<br>47.1                                     | 9.4                   | 35               | 33           | 10           |          | -        | 13.4         |         | .3            | • 5      | <del> </del> _                                   | -        |                                                  | Ç                                                |

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USAFETAC FORM O-26-3 (OL A) PREVIOUS EDITION; OF THIS FORM ARE OBSOLETE

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### **PSYCHROMETRIC SUMMARY**

12911 STATION RANDOLPH AFB TEXAS/SAN ANTONIO 33-74
STATION NAME HILIV 2100-2300 HOURS (L. S. T.) PAGE 1

| Temp,       |     |          |              |              |                                        |          |              |                                                  |              | DEPRE    |                                              |                |          |                                        |                |              |                | TOTAL                                            |          | TOTAL       |           | l |
|-------------|-----|----------|--------------|--------------|----------------------------------------|----------|--------------|--------------------------------------------------|--------------|----------|----------------------------------------------|----------------|----------|----------------------------------------|----------------|--------------|----------------|--------------------------------------------------|----------|-------------|-----------|---|
| (F)         | 0   | 1 - 2    | 3 - 4        | 5 - 6        | 7 - 8                                  | 9 - 10   | 11 - 12      | 13 - 14                                          | 15 - 16      | 17 - 18  | 19 - 20                                      | 21 - 22        | 23 - 24  | 25 - 26                                | 27 - 28        | 29 - 30      | ≥ 31           | D.B./W.B.                                        | Dry Bulb | Wet Bulb    | Dew Point | 1 |
| 78/ 77      |     |          |              |              |                                        |          |              |                                                  |              | i        |                                              | • 0            |          |                                        |                |              |                | 1                                                | 1        |             |           | 1 |
| 76/ 75      |     | • 2      | 7            | • 1          | • 1                                    |          |              | .0                                               |              |          |                                              |                |          |                                        |                |              | _              | 33                                               | _33      |             |           | l |
| 74/ 73      |     | . 4      | 1.2          | • 6          | • 1                                    | • 1      | •1           | • 0                                              | .1           | •0       |                                              |                |          |                                        |                |              |                | 87                                               | 87       | 10          | T         | 1 |
| 72/ 71      |     | 1.1      | 1.3          | .6           |                                        | . 1      | •0           | . 1                                              | .0           | .0       | .0                                           | • 0            |          |                                        |                |              |                | 118                                              | 118      | 45          | 33        | ı |
| 70/ 69      |     | 1.4      | 2.5          | • 9          | • 4                                    | • 2      | .1           | • 1                                              | 7.1          |          |                                              |                |          | i                                      |                |              |                | 191                                              | 191      | 167         | 56        | 1 |
| 68/ 67      | • 2 | 1.5      | 2.6          |              |                                        | • 2      | . 2          | • 0                                              | .1           | . 1      |                                              |                |          | ļ                                      |                |              | ļ              | 203                                              | 273      | 132         | 110       | ı |
| 66/ 65      | • 2 |          |              | • 9          |                                        | • 3      | • 2          | • 1                                              | .2           | •0       |                                              |                |          | i                                      |                |              |                | 181                                              | 181      | 161         |           | 1 |
| 64/ 63      | . 2 | 2.2      | 1.6          | 1.0          |                                        | . 4      | 1            | • 4                                              | .1           | ļ        |                                              |                |          | ļ                                      |                |              |                | 212                                              | 212      |             |           | I |
| 62/ 61      | • 4 | 1.9      | 1.7          | .9           | • 5                                    | •9       | • 3          | • 2                                              | •0           |          |                                              |                |          |                                        |                |              |                | 226                                              | 226      | 171         | 180       | 1 |
| 60/ 59      | • l | 1.9      | 1.6          | 1.1          | 1.1                                    | 8 ۾      | • 0          |                                                  | .1           |          |                                              |                |          |                                        |                |              | ļ              | 249                                              | 249      | 161         | 136       | ١ |
| 58/ 57      | ٠,0 | 2.0      | 2.0          | 1.5          | 1.4                                    | ۶,       |              | • 2                                              | .1           |          |                                              |                |          | Ī                                      |                |              |                | 286                                              | 238      |             |           | 1 |
| 56/ 55      | • 3 |          |              | 1.6          | 1.3                                    | . 8      | •6           | • 2                                              |              | <u> </u> | <u> </u>                                     |                |          |                                        |                |              | <u>.</u>       | 248                                              | 249      | 1           |           |   |
| 54/ 53      | • 1 | 1.2      |              | 1.4          | 1.3                                    | • 9      |              |                                                  |              |          |                                              |                |          |                                        |                |              |                | 221                                              | 27.2     | 185         |           | I |
| 52/ 51      | 1   | • 7      |              | 1.2          | 1.1                                    | . 9      |              |                                                  |              |          |                                              |                |          | <u> </u>                               |                |              |                | 180                                              | 181      | 219         |           | 1 |
| 50/ 49      | • 0 |          |              |              | 1.3                                    | . 8      |              |                                                  |              |          |                                              |                |          |                                        |                |              |                | 218                                              | 218      |             |           | l |
| 48/ 47      | • 2 |          |              |              | . 8                                    | • 6      |              |                                                  |              | <u> </u> |                                              |                |          |                                        |                |              | <u> </u>       | 155                                              | 156      |             |           | 1 |
| 46/ 45      | • 1 | .6       |              |              |                                        |          |              |                                                  |              |          |                                              |                |          | l                                      | l i            |              | 1              | 142                                              | 142      |             |           | I |
| 44/ 43      | • 1 | • 7      |              | • 9          |                                        |          |              |                                                  |              |          |                                              |                |          | <u> </u>                               |                |              | ļ              | 115                                              | 115      |             |           | 1 |
| 42/ 41      | . 1 | • 6      |              |              | 1                                      | • 2      |              | 1                                                | 1            | ļ        |                                              | 1 1            |          | 1                                      | ]              |              |                | 88                                               | 88       |             |           | ı |
| 40/ 39      | . 1 | • 5      |              |              | • 2                                    |          |              |                                                  |              | <u> </u> |                                              |                |          |                                        |                |              | ļ              | 66                                               | 46       |             |           | 1 |
| 38/ 37      | • 1 |          |              |              | • 2                                    | • 2      |              | ļ                                                |              | l        | 1                                            |                |          |                                        | ŀ              |              | ]              | 52                                               | 52       |             |           | ١ |
| 36/ 35      | • 1 | •0       |              |              |                                        | • 1      |              |                                                  | <u> </u>     | <u> </u> | <u> </u>                                     |                |          |                                        | <u> </u>       |              | <u> </u>       | 22                                               | 2.5      |             |           | 1 |
| 34/ 33      | • 1 |          |              |              |                                        |          | 1            | l                                                |              |          |                                              |                |          | i                                      | l              |              | ļ              | 13                                               | 13       |             |           | ۱ |
| 32/ 31      |     | •0       | • 1          | .0           | •0                                     |          |              |                                                  |              | ļ        |                                              |                |          | <u> </u>                               | <u> </u>       |              | <u> </u>       | 7                                                |          | 32          |           | 4 |
| 30/ 29      |     |          | 1            |              |                                        |          | ŀ            | ļ                                                |              | ļ        |                                              |                |          | 1                                      |                |              | ŀ              | 1 1                                              |          | 14          |           | ı |
| 28/ 27      |     | <u> </u> |              |              |                                        |          | <u> </u>     |                                                  | ļ            | <u> </u> | ļ                                            |                |          | <u> </u>                               | <b> </b>       |              | <u> </u>       |                                                  |          | 17          |           | Į |
| 26/ 25      |     | l        | !            | ŀ            | l                                      | i        |              |                                                  |              | ĺ        |                                              |                |          | -                                      | Ì              |              | 1              |                                                  |          | 2           | 79        | ı |
| 24/ 23      |     | ļ        | Ļ            | <b> </b>     |                                        |          |              | L                                                |              | ļ        | <u> </u>                                     |                |          | <del> </del>                           | <u> </u>       |              | <del> </del> - |                                                  |          |             | 43        | 4 |
| 22/ 21      |     |          | 1            |              | İ                                      | Ì        | 1            |                                                  |              |          |                                              |                |          |                                        |                |              |                |                                                  |          |             | 26        | I |
| 20/ 19      |     | <u> </u> |              | <del></del>  | <b> </b>                               |          | <del> </del> |                                                  | <u> </u>     |          | ļ                                            | ļ              |          | ļ                                      |                |              | <del> </del>   | <del>  </del>                                    |          | ļ           | 18        | 4 |
| 18/ 17      |     |          |              |              |                                        |          |              |                                                  |              |          |                                              |                |          |                                        |                |              |                | ! !                                              |          |             | 6         | ١ |
| 16/ 15      |     | <u> </u> | <del> </del> |              | ļ                                      | <u> </u> | <u> </u>     |                                                  | <del> </del> |          |                                              | <del> </del> - |          | <del> </del>                           |                |              | <del> </del>   |                                                  |          | <del></del> | 12        | 4 |
| 12/ 11      |     | ]        |              |              |                                        |          |              | 1                                                |              |          | 1                                            | 1              |          |                                        |                |              |                |                                                  | , !      |             | 5         | ١ |
| Element (X) |     | ZX2      | <u></u>      | <del> </del> | Σχ                                     | L        | <u> </u>     | - F                                              |              | No. Ol   | <u>.                                    </u> | L              | Ļ        | ــــــــــــــــــــــــــــــــــــــ | Mags !         | Jo 66 4      | loure with     | h Temperat                                       |          | <u></u>     | 1 2       | 1 |
| Rei, Hum.   |     | <u> </u> |              |              | <u> </u>                               |          | ^            |                                                  | -            | 140. 00  |                                              | ≤ 0            | F        | ± 32 I <sup>;</sup>                    | ≥ 67           | <del></del>  | 73 F           | ≥ 80 F                                           | ≥ 23 8   | F           | Total     | · |
| Dry Bulb    |     |          |              | <del> </del> | ······································ |          |              | <del> </del>                                     |              |          |                                              |                | -        |                                        | <del> '</del>  | <del>-</del> |                | 1 - 33 1                                         | +        |             |           | 1 |
| Wet Bulb    |     |          |              | <del> </del> | <del></del>                            |          |              | <del>                                     </del> | $\dashv$     |          |                                              |                | $\dashv$ |                                        | <del> </del> - |              |                | <del> </del>                                     | -        |             |           | 1 |
| Dew Point   |     |          |              | 1            |                                        | _        |              |                                                  |              |          |                                              |                | $\dashv$ |                                        | <del> </del>   |              |                | <del>                                     </del> | +        | <del></del> |           | 1 |
|             |     |          |              | <b></b>      |                                        |          |              | 1                                                |              |          | ——~                                          |                |          |                                        | <del></del>    |              |                |                                                  |          |             |           | 1 |

USAFETAC 10N 21 0-24-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

USAFETAC

### **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION     | 1            | RA  | MDUL                                             | PH A                                             | FB T                                             | EXAS                                             | /SAN                                             | ANT                                              | 0110                                             | <u> </u>                                         | 3R-                                              | 74           |         |          | YE           | ARS             |             |                                                  |                                                  |              | t t             | SV                 |
|----------------------|--------------|-----|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|---------|----------|--------------|-----------------|-------------|--------------------------------------------------|--------------------------------------------------|--------------|-----------------|--------------------|
|                      |              |     |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |         |          |              |                 |             |                                                  | PAG                                              | E 2          | 2100<br>HOUPS ( | -2500<br>L. s. T.\ |
| Temo.                |              |     | ,                                                | ·                                                | ,                                                |                                                  |                                                  | BULB '                                           |                                                  |                                                  |                                                  |              |         |          |              |                 |             |                                                  | TOTAL                                            |              | TOTAL           |                    |
| (F)                  | _            | 0   | 1 - 2                                            | 3 - 4                                            | 5 - 6                                            | 7 - 8                                            | 9 - 10                                           | 11 - 12                                          | 13 - 14                                          | 15 - 16                                          | 17 - 18                                          | 19 - 20      | 21 - 22 | 23 - 24  | 25 - 76      | 27 - 28         | 29 - 30     | ≥ 31                                             | D.B./W.B.                                        | Dry Bulb     | Wet Bulb        | Dew Point          |
|                      | 9            |     |                                                  | i                                                |                                                  | l                                                |                                                  | ſ                                                |                                                  |                                                  |                                                  |              |         |          | ] ;          | ĺ               |             |                                                  |                                                  |              |                 | 4                  |
| 8/                   | 7 5          |     | <del>                                     </del> | <del> </del>                                     | <u> </u>                                         | ļ                                                | <del> </del>                                     | ļ                                                | <del></del> -                                    | <del> </del>                                     | <del> </del>                                     |              |         |          |              |                 |             |                                                  |                                                  |              |                 | 2                  |
| 4/                   | 3            |     | ļ                                                | 1                                                |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |         |          |              |                 |             |                                                  | l                                                |              |                 | 4                  |
| TOTAL                | 4            | 2.2 | 22.2                                             | 27.4                                             | 10.0                                             | 12.2                                             | 8.7                                              | 4.1                                              | 1.6                                              | .7                                               | .2                                               | •0           | •1      |          | <del> </del> |                 |             |                                                  | <del> </del>                                     | 3320         |                 | 3314               |
|                      | -            |     |                                                  |                                                  |                                                  | 1200                                             | ""                                               | ~**                                              | 1.0                                              | 1 ''                                             | ••                                               | • 0          | • 1     |          |              |                 |             |                                                  | 3315                                             |              | 3315            |                    |
|                      |              |     |                                                  |                                                  | <u> </u>                                         |                                                  | <u> </u>                                         |                                                  |                                                  |                                                  |                                                  |              |         |          | 1            |                 |             | l                                                |                                                  |              |                 |                    |
|                      | $\downarrow$ |     | ļ                                                | <u> </u>                                         |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |         |          |              |                 |             |                                                  | <u> </u>                                         |              |                 |                    |
|                      |              |     | Ì                                                |                                                  | ļ                                                |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |         |          |              | 1               |             |                                                  |                                                  | ]            |                 |                    |
| <u> </u>             | -+           |     |                                                  | <del> </del>                                     | <del> </del> -                                   |                                                  |                                                  |                                                  | <u> </u>                                         | <del> </del>                                     |                                                  |              |         |          | <u> </u>     |                 |             |                                                  | <del> </del>                                     |              | <u> </u>        |                    |
| ļ.                   |              |     | ļ                                                |                                                  | 1                                                |                                                  |                                                  |                                                  | İ                                                |                                                  |                                                  |              |         |          | 1            |                 |             |                                                  |                                                  |              |                 |                    |
|                      | 十            |     | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | _                                                |                                                  | <del> </del> -                                   | $\vdash$                                         | <del>                                     </del> | <del>                                     </del> | -            |         |          | <del> </del> |                 | <del></del> | <del> </del>                                     | <del> </del>                                     |              |                 |                    |
| ŀ                    | -            |     | -                                                | ļ                                                |                                                  |                                                  |                                                  |                                                  | ļ                                                |                                                  |                                                  |              |         |          |              |                 |             |                                                  |                                                  |              |                 |                    |
|                      |              |     | T-                                               |                                                  |                                                  | † <del></del>                                    | 1                                                |                                                  |                                                  |                                                  |                                                  |              |         |          |              |                 |             | _                                                |                                                  |              |                 |                    |
|                      | $\sqcup$     |     | <u> </u>                                         |                                                  | <u> </u>                                         |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |         |          |              |                 |             |                                                  |                                                  |              |                 |                    |
|                      | - 1          |     |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | 1                                                |                                                  |              |         |          |              |                 |             |                                                  |                                                  |              |                 |                    |
|                      | _            |     | ļ                                                | ļ                                                |                                                  | <b>!</b>                                         | ļ                                                | ļ                                                | <u> </u>                                         | ļ                                                |                                                  |              |         |          | ļ            |                 |             |                                                  |                                                  |              |                 |                    |
|                      | -            |     | }                                                |                                                  |                                                  | 1                                                |                                                  |                                                  |                                                  | 1                                                |                                                  |              |         |          | 1            |                 |             | 1                                                | •                                                |              |                 |                    |
| <b> </b>             | $\dashv$     |     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del> -                                   | ├                                                | <b></b> -                                        | <del> </del>                                     | <del> </del>                                     |              |         |          |              |                 |             | <u> </u>                                         | <del> </del>                                     | <del> </del> |                 |                    |
|                      |              |     |                                                  |                                                  |                                                  |                                                  |                                                  | 1                                                |                                                  |                                                  |                                                  |              |         | 1        |              |                 |             | Į                                                |                                                  |              |                 |                    |
|                      | 1            |     | 1                                                | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |                                                  |                                                  |              |         |          | <del> </del> |                 |             |                                                  | <del> </del>                                     |              |                 |                    |
|                      |              |     |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |         | •        |              |                 |             |                                                  | ļ                                                |              |                 |                    |
|                      |              |     |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |              |         |          |              |                 |             |                                                  |                                                  |              |                 |                    |
|                      |              |     | <u> </u>                                         | <u> </u>                                         | <u> </u>                                         |                                                  |                                                  | <u> </u>                                         | <u> </u>                                         |                                                  |                                                  |              |         |          | 1            |                 |             | <u> </u>                                         |                                                  |              |                 |                    |
|                      |              |     |                                                  |                                                  |                                                  |                                                  |                                                  | 1                                                |                                                  |                                                  |                                                  |              |         | 1        |              |                 |             |                                                  |                                                  |              | İ               |                    |
|                      | -            |     | <del> </del>                                     | <del> </del>                                     | ļ.—                                              | ļ                                                | <del> </del>                                     | <del> </del> -                                   | ļ                                                | <u> </u>                                         | ļ                                                | <u> </u>     |         | <b> </b> | <b></b>      |                 |             |                                                  | <u> </u>                                         |              |                 |                    |
| 1                    | ļ            |     |                                                  |                                                  |                                                  |                                                  |                                                  | ł                                                |                                                  |                                                  |                                                  |              |         |          |              |                 |             |                                                  |                                                  |              |                 |                    |
|                      | $\dashv$     |     | ├─                                               | +                                                | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |                                                  | <del> </del>                                     | <del> </del> |         |          |              | <del>  </del> - |             | <del>                                     </del> | <del> </del>                                     | <del> </del> |                 |                    |
|                      |              |     | 1                                                | 1                                                |                                                  |                                                  |                                                  |                                                  |                                                  | }                                                |                                                  |              |         |          |              |                 |             |                                                  |                                                  |              |                 |                    |
|                      | $\neg$       |     | T                                                | 1                                                | <u> </u>                                         |                                                  | 1                                                | <del> </del>                                     |                                                  | <del>                                     </del> | 1                                                |              |         | <u> </u> | <del> </del> |                 |             | <del>                                     </del> | <del>                                     </del> |              |                 |                    |
|                      |              |     |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | <u></u>                                          | <u> </u>                                         |              |         | <u> </u> |              |                 |             |                                                  |                                                  |              |                 |                    |
| Element (            |              |     | Z X ,                                            |                                                  |                                                  | ZX                                               |                                                  | X                                                | •,                                               |                                                  | No. Ol                                           |              |         |          |              |                 |             | ours wit                                         | h Tempera                                        | ture         |                 |                    |
| Rel. Hum.            |              |     |                                                  | 16447                                            |                                                  | 2372                                             | 73                                               | 71.6                                             | 17.9                                             | 14                                               | 33                                               | 15           | ≤ 0     | F        | ± 32 F       | ≥ 67            |             | 73 F                                             | ≥ 80 F                                           | ≥ 93         | F T             | Total              |
| Dry Bulb             | -4           |     |                                                  | 6063                                             |                                                  | 1893                                             |                                                  | 57.0                                             |                                                  |                                                  |                                                  | 20           |         | _ _      | • 2          |                 |             | 3.3                                              |                                                  |              | _               | 90                 |
| Wet Bulb<br>Dew Poin |              |     |                                                  | 8222                                             |                                                  | 1726                                             |                                                  | 52.1                                             | 10.1                                             | 51                                               |                                                  | 15           |         |          | 1.8          |                 | .8          | • 3                                              | <u> </u>                                         | -            |                 | 30                 |
| Dew Poin             |              |     | 17:                                              | 8753                                             | 1                                                | 1563                                             | 94/                                              | 47.2                                             | 12306                                            | 02                                               | 33                                               | 14           |         |          | 13.9         | 5.              | . 4         | • 0                                              | 1                                                |              |                 | 20                 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12911 RANDFILPH AFB TEXAS/SAN ANTONIO 38-70,72-74

STATION NAME

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOITE

### **PSYCHROMETRIC SUMMARY**

P&C MONTH

|                |     |              |               |                                        |                |                                                  |             | .,                                               |         |              |              |                                                  |          | <del></del>                                      |                                                  |                                                  |               | PAGE        | 1             | HOURS (    | -020<br>L. S. T.)                                |
|----------------|-----|--------------|---------------|----------------------------------------|----------------|--------------------------------------------------|-------------|--------------------------------------------------|---------|--------------|--------------|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------|-------------|---------------|------------|--------------------------------------------------|
| Temp.          |     |              |               |                                        |                |                                                  |             | EMPER                                            |         |              |              |                                                  |          | ,                                                | ·                                                |                                                  |               | TOTAL       | т             | TOTAL      | r                                                |
| (F)            | 0   | 1 - 2        | 3 - 4         | 5 - 6                                  | 7 - 8          | 9 - 10                                           | 11 - 12     | 13 - 14                                          | 15 - 16 | 17 - 18      | 19 - 20      | 21 - 22                                          | 23 - 24  | 25 - 26                                          | 27 - 28                                          | 29 - 3                                           | 0 ≥31         | D.B./W.B.   |               | Wet Bulb   | Dew Por                                          |
| 4/ 73          |     |              | • 1           |                                        |                |                                                  |             |                                                  |         |              | ľ            |                                                  |          | 1                                                | ł                                                |                                                  |               | 3           | 3             | _          | }                                                |
| 2/ 71          |     | • 2          |               |                                        |                |                                                  |             |                                                  |         |              |              |                                                  |          | ļ                                                | ļ                                                | <u> </u>                                         |               | 15          | 1.5           | 2          | L                                                |
| 07 69          | • 1 | . 6          | • 3           | į,                                     |                |                                                  | ,           | ,                                                |         |              |              | i                                                |          | }                                                |                                                  |                                                  | İ             | 51          | 51            | 12         | I                                                |
| 8/ 67          | • 1 | 2.0          |               | • 10                                   |                |                                                  | •0          |                                                  | -       |              | <u> </u>     | <del> </del>                                     |          | <del> </del>                                     | <b>↓</b>                                         | <b> </b>                                         | _             | 72          | 7:            | - 45<br>76 |                                                  |
| 4/ 63          | . 2 |              |               | .1                                     | • 0            |                                                  |             | 000                                              | •0      |              |              | 1                                                |          | i                                                | 1                                                |                                                  |               | 107         | 107           | 104        |                                                  |
| 2/ 61          | • 5 | 1.3          |               | .3                                     | •0             | •1                                               |             | •0                                               | • 0     | •0           | <del> </del> | <del> </del> -                                   |          | <del> </del>                                     | <del>                                     </del> |                                                  |               | 100         | 104           | 104        |                                                  |
| 0/ 59          | 9   | 1.6          |               | .4                                     |                |                                                  | .2          |                                                  | • 0     | .0           |              | 1                                                |          |                                                  | 1                                                |                                                  |               | 143         | 143           | 93         |                                                  |
| 8/ 57          |     | 2.3          |               | - 6                                    |                | • 3                                              |             | 1                                                | • 1     | • 0          |              |                                                  |          |                                                  |                                                  | <del> </del>                                     | <del>-i</del> | 189         | 189           | 113        |                                                  |
| 6/ 55          | 1.0 |              |               | .7                                     |                |                                                  |             | . 2                                              | •       |              |              | 1                                                |          |                                                  | l                                                |                                                  |               | 201         | 201           | 156        |                                                  |
| 4/ 53          | • 3 | 2.9          |               |                                        |                | - 5                                              | • 2         |                                                  |         |              | <del> </del> | <u> </u>                                         |          | 1                                                | <del>                                     </del> | $\vdash$                                         | +             | 239         | 239           | 134        |                                                  |
| 2/ 51          | . 6 |              |               |                                        | . 6            | .7                                               | .2          |                                                  |         |              | ĺ            | 1                                                |          |                                                  |                                                  |                                                  | -             | 245         | 246           | 184        |                                                  |
| 0/ 49          | • 6 |              |               |                                        | 1.0            |                                                  |             |                                                  |         |              |              | <del> </del>                                     |          | <del> </del>                                     |                                                  | <del>                                     </del> | <u> </u>      | 238         | 239           | 205        |                                                  |
| 8/ 47          | . 2 |              |               |                                        | 1.1            | , 5                                              | .1          |                                                  |         |              |              | 1                                                |          | 1                                                | 1                                                |                                                  |               | 225         | 226           | 201        |                                                  |
| 6/ 45          | • 4 | 2.4          |               | 2.0                                    | . 9            | . 3                                              | •0          |                                                  |         |              |              | T                                                |          | 1                                                |                                                  |                                                  |               | 260         | 260           | 223        | 13                                               |
| 4/ 43          | . 4 | 2.2          | 2.3           | 1.8                                    | 1.1            | .1                                               |             |                                                  |         |              |              | l                                                |          |                                                  |                                                  |                                                  |               | 261         | 262           | 254        |                                                  |
| 27 41          | . 4 | 1.7          |               | 1.5                                    | • 7            | .1                                               |             |                                                  |         |              |              |                                                  |          |                                                  | <u> </u>                                         |                                                  |               | 230         | 230           | 248        | 1.                                               |
| 0/ 39          | 1   |              |               | 1.3                                    | ,4             | •0                                               |             |                                                  |         |              |              |                                                  |          |                                                  |                                                  | <u> </u>                                         |               | 188         | 188           | 272        |                                                  |
| 8/ 37          | . 3 |              |               |                                        |                |                                                  |             |                                                  |         |              |              | i                                                |          | 1                                                |                                                  | -                                                |               | 130         | 139           | 261        | 17                                               |
| 6/ 35          | • 2 |              |               | ا ــــــــــــــــــــــــــــــــــــ |                |                                                  | <u> </u>    |                                                  |         |              |              |                                                  |          | <u> </u>                                         | ↓                                                |                                                  |               | 112         | 112           | 198        |                                                  |
| 4/ 33          | • 1 | • 7          |               | • 2                                    |                |                                                  |             |                                                  |         |              |              | 1                                                |          | ı                                                | İ                                                |                                                  |               | 70          | 70            | 147        | 19                                               |
| 2/ 31          | . 1 | _            |               |                                        | • 1            |                                                  |             | i                                                |         |              | <u> </u>     | <del> </del>                                     |          | <u> </u>                                         | ļ                                                |                                                  |               | 48          | 48            | 98         |                                                  |
| 0/ 29          |     | • 4          |               | • 1                                    |                |                                                  |             |                                                  |         | <u> </u>     |              | 1                                                | l        |                                                  |                                                  | İ                                                |               | 34          | 34            | 78         |                                                  |
| 8/ 27          |     | • 2          |               |                                        |                |                                                  |             | <u> </u>                                         |         | <u> </u>     |              | ļ                                                | ļ        | ļ                                                | <b>⊢</b> —                                       | ļ                                                |               | 32          | 32            | 41         |                                                  |
| 6/ 25          |     | • 3          |               |                                        |                |                                                  |             |                                                  |         | ŀ            |              | ł                                                |          |                                                  |                                                  | !                                                |               | 16          | 16            | 36<br>30   | 1 -                                              |
| 4/ 23<br>2/ 21 |     | .1           |               | <u> </u>                               |                | <del> </del> -                                   |             |                                                  |         |              | ├            | <del> </del>                                     |          |                                                  | <del> </del>                                     | <del> </del>                                     |               | 2           | <u>3</u><br>2 | 5          |                                                  |
| 0/ 19          |     | .0           |               |                                        |                | ĺ                                                |             | ļ                                                |         |              | 1            |                                                  |          | į                                                |                                                  |                                                  | 1             | 4           | 1             | 5          |                                                  |
| 8/ 17          |     |              | <del>'}</del> |                                        |                |                                                  |             |                                                  |         |              |              | ├                                                |          | <del>                                     </del> |                                                  | <del> </del>                                     | <del></del>   |             | ^             |            | -                                                |
| 6/ 15          |     | 1            |               |                                        |                | 1                                                | 1           | [                                                |         | 1            | !            |                                                  | 1        | 1                                                |                                                  |                                                  | l             |             | 1             |            |                                                  |
| 4/ 13          |     | <del> </del> | <del> </del>  | $\vdash$                               | <del> </del>   | <del>                                     </del> | $\vdash$    | <del> </del>                                     |         | <del> </del> | <del> </del> | <del> </del> -                                   |          | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> |               |             |               |            | <del>                                     </del> |
| 2/ 11          |     | 1            |               |                                        |                |                                                  |             |                                                  |         |              |              |                                                  |          | 1                                                |                                                  | 1                                                |               |             |               |            |                                                  |
| 0/ 9           |     | <del> </del> | <b></b>       |                                        |                | <del></del>                                      | <del></del> | <del>                                     </del> |         | l            | 1            | <del>                                     </del> | <u> </u> | <u> </u>                                         |                                                  | <del>                                     </del> | 1             | 1           |               |            | 1                                                |
| 8/ 7           |     |              |               |                                        |                |                                                  |             |                                                  |         |              |              |                                                  | ļ        |                                                  |                                                  |                                                  |               |             | 1             |            |                                                  |
| ement (X)      |     | ZX2          | <del></del>   |                                        | z <sub>X</sub> |                                                  | X           | <b>₹</b>                                         |         | No. O        | s.           |                                                  |          |                                                  | Mean                                             | No. of                                           | Hours wi      | th Temperat | 110           |            | -                                                |
| l. Hum.        |     |              |               |                                        |                |                                                  |             |                                                  |         |              |              | ≤ 0                                              | F        | ≥ 32 F                                           | z 67                                             | F                                                | ≥ 73 F        | ≥ 80 F      | ≥ 93 F        |            | Total                                            |
| y Bulb         |     |              |               |                                        |                |                                                  |             |                                                  |         |              |              |                                                  |          |                                                  |                                                  |                                                  |               |             |               |            |                                                  |
| et Bulb        |     |              |               |                                        |                |                                                  |             |                                                  |         |              |              |                                                  |          |                                                  |                                                  |                                                  |               |             |               |            |                                                  |
| ew Point       |     |              |               |                                        |                | 7                                                |             |                                                  |         |              |              |                                                  |          |                                                  | 1                                                |                                                  |               |             |               |            |                                                  |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-70,72-74
STATION STATION HAME

....

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(O! A)

0.26-3 (

C AK

### **PSYCHROMETRIC SUMMARY**

DEC

HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 6/ TOTAL 7.235.327.016.1 8.3 3335 3326 3.4 1.7 3327 3327 <u>,</u> Mean No. of Hours with Temperature Element (X) Zx2 No. Obs. 252636 75.917.416 163914 49.1 9.778 151500 10.262 20192814 3327 Rel. Hum. **±0** F ≤ 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 3335 3327 Dry Bulb 8375052 3.8 4.0 7249024 93 Wet Bulb 8.2 1.6 93 137184 412.921 Dew Point 6213404 3326 25.8

# **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION | RA        | NDOL    | PH A  |          | EXAS  |              | ANT      | סואמ                                             |         | 38-                                              | 70,7      | 2-74       |              | <del></del> , | YEARS     |                                                  |                | <del></del> |            | D<br>MOI   | É C<br>HTH    |
|-----------------|-----------|---------|-------|----------|-------|--------------|----------|--------------------------------------------------|---------|--------------------------------------------------|-----------|------------|--------------|---------------|-----------|--------------------------------------------------|----------------|-------------|------------|------------|---------------|
|                 |           |         |       |          |       |              |          |                                                  |         |                                                  |           |            |              |               |           |                                                  |                | PAGE        | 1 .        | HOURS (    | -050          |
| Temp.           |           |         |       |          |       |              |          |                                                  |         | DEPRE                                            |           |            |              |               |           |                                                  |                | TOTAL       |            | TOTAL      |               |
| (F)             | 0         | 1 - 2   | 3 - 4 | 5 - 6    | 7 - 8 | 9 - 10       | 11 - 12  | 13 - 14                                          | 15 - 16 | 17 - 18                                          | 19 - 20   | 21 - 22    | 23 - 24      | 25 2          | 6 27 - 28 | 29 - 30                                          | ≥ 31           | D.B./W.B.   | Dry Bulb   | Wet Bulb   | Dew Po        |
| 74/ 73          |           |         | • 1   |          |       |              |          |                                                  |         |                                                  |           |            |              |               |           |                                                  | Ī              | 5           | 2          |            |               |
| 72/ 71          |           | • 0     | • 2   | • 0      |       |              |          |                                                  |         | •0                                               |           |            |              | <u> </u>      | 1         |                                                  | <u> </u>       | 11          | 11         |            |               |
| 70/ 69          | • 2       |         | • 4   |          |       |              |          |                                                  |         |                                                  | • 0       |            |              |               |           |                                                  |                | 41          | 41         | 13         |               |
| 68/ 67          | • 0       |         | 1.4   |          |       |              |          |                                                  |         |                                                  |           |            | ļ            |               |           |                                                  |                | 54          | 84         | 42         | - 4           |
| 66/ 65          | • 5       |         | • 0   |          |       |              |          |                                                  | • 0     |                                                  |           |            | <b>,</b>     |               |           |                                                  |                | 95          | 95         | 80         |               |
| 64/ 63          | . 5       |         | • 1   | -1       | • 1   |              |          |                                                  | • 1     |                                                  |           |            |              | <u> </u>      |           |                                                  | <u> </u>       | 84          | 84         | 115        | 1:            |
| 57/61           | . 3       |         | • 2   | • 1      | • 1   | • 1          | •0       |                                                  |         |                                                  |           |            | Ì            | 1             | 1         |                                                  |                | 73          | 76,        | 80         | 1             |
| 50/ 59          | 1.2       |         |       | • 2      | • 1   | • 1          | • 1      | • 1                                              | •0      |                                                  |           |            |              | <del> </del>  |           |                                                  |                | 137         | 137        | 102        | 1             |
| 8/ 57           | 9         |         |       | .3       | • 2   |              |          | • 1                                              |         | [                                                |           |            | ł            |               |           |                                                  | 1              | 143         | 143        | 94         |               |
| 6/ 55           | 1.0       |         |       | • 5      | • 4   | •2           | • 2      |                                                  |         |                                                  |           |            | ļ            |               |           |                                                  | <u> </u>       | 156         | 157        | 110        | -             |
|                 | • 8       | - 1     | 1.3   | • 8      | . 3   |              | • 3      |                                                  |         | }                                                |           |            | }            | i             | 1         | }                                                | }              | 203         | 204        | 138        | 1             |
| 0/ 49           | 8.        |         |       | - 8      |       |              |          |                                                  |         |                                                  |           |            |              | <del> </del>  |           | ļ                                                | ļ              | 210         | 210        | 150        | 1             |
| 8/ 47           | • 6       | ) ' ' ' | 1.4   | 1.1      | • 5   |              |          | .0                                               |         | }                                                |           |            | 1            | 1             | 1         | }                                                | 1              | 255         | 256        | 181        | 1             |
| 6/ 45           | <u>•5</u> |         | 1.6   | 1.4      | • 7   |              |          | <b> </b>                                         |         | <u> </u>                                         |           |            |              | <del> </del>  |           | <u> </u>                                         | <del>]</del>   | 223         | 223        | 209        | 1             |
| 4/ 43           | 8 •       |         | 2.2   | 1.7      | •6    |              |          |                                                  |         | 1                                                |           |            | 1            |               | j         | }                                                | 1              | 236         | 238        | 213        | 1             |
| 2/ 41           | • 4       | 2.3     | 2.3   | 1.9      |       |              |          | <del> </del>                                     |         |                                                  |           |            |              |               |           | <del> </del>                                     | <del> </del>   | 261         | 262<br>256 | 234<br>243 | $\frac{1}{1}$ |
| 0/ 39           | . 3       |         |       | 1.7      | •3    |              |          | }                                                |         | }                                                |           |            | }            | 1             | 1         | }                                                | }              | 254<br>249  | 249        | 244        | 1             |
| 8/ 37           | - 3       |         |       | .8       |       |              |          | <del> </del>                                     |         | <del> </del>                                     |           |            | <del> </del> | ┼             |           | <del> </del> -                                   | <del> </del>   | 149         | 150        | 274        | 1             |
| 6/ 35           | .1        | 1.9     |       | .6       | .1    | ì            |          | ł                                                |         | i<br>1                                           |           |            | ł            | 1             | 1         | 1                                                | 1              | 148         | 148        | 227        | 1             |
| 34/ 33          |           |         | 1.3   | .5       |       |              |          | <del> </del>                                     |         | <del> </del>                                     |           |            |              | ┼             |           |                                                  | ├              | 102         | 102        | 172        | 1             |
| 2/ 31           | .0        |         |       | . 2      |       | }            | }        | ł                                                |         | 1                                                |           |            | 1            | 1             | 1         | ŀ                                                | 1              | 58          | 56         | 137        | 2             |
| 0/ 29           |           | .8      |       | . 3      |       |              |          | <del> </del>                                     |         |                                                  | <b></b> ' |            | <del> </del> | ┼             |           |                                                  | <del> </del> - | 63          | 63         | 84         | 1             |
| 8/ 27           |           | .6      |       | . 2      | •     | j            | }        | }                                                |         | 1                                                | }         | !          | ĺ            |               | - }       | 1                                                | ł              | 50          | 50         | 64         | 1             |
| 6/ 25           |           | • 4     |       |          |       | <del> </del> |          | <del> </del> -                                   |         | <del> </del>                                     | <b> </b>  |            | <del> </del> | <del> </del>  |           |                                                  | <del> </del>   | 20          | 20         | 55         |               |
| 4/ 23           | 0         |         | .2    |          |       | <b>j</b>     | •        | }                                                |         | }                                                |           |            | ł            | 1             | 1         |                                                  | ļ              | 13          | 13         | 40         |               |
| 22/ 21          |           | .0      |       |          |       |              |          | <del>                                     </del> |         | <del>                                     </del> |           |            |              | 1             | 1         | <del> </del>                                     | <del> </del>   | 3           | 3          | 15         |               |
| 20/ 19          | •0        |         |       |          |       | ļ            | }        | ]                                                | Ì       | 1                                                |           |            | }            | 1             | 1         | ļ                                                | j              | 2           | 2          | 8          |               |
| 8/ 17           |           |         |       |          |       |              |          |                                                  |         |                                                  |           |            |              | 1             | 1         | 1                                                |                | 1           |            |            |               |
| 16/ 15          |           | }       |       | İ        |       | }            |          | ļ                                                | }       |                                                  |           |            | }            |               |           | }                                                | ļ              | }           | - 1        |            | }             |
| 14/ 13          |           |         |       |          |       | T            |          |                                                  |         |                                                  |           |            |              | T             |           | 1                                                | 1              | 1           |            |            |               |
| 12/ 11          |           |         |       |          |       | L            |          |                                                  |         |                                                  |           |            | l            |               | 1         | 1                                                | į              | 1 1         | į          |            | }             |
| 10/ 9           |           | l       |       |          |       |              |          | T                                                |         | T                                                |           |            | T            | 1             |           | <del>                                     </del> | 1              | 1           |            |            | <u> </u>      |
| 8/ 7            |           | 1       |       |          |       | <u> </u>     | <u> </u> | 1                                                |         |                                                  |           |            | <u> </u>     | <u> </u>      |           |                                                  | İ              | <u> </u>    |            |            |               |
| lement (X)      |           | Σχ¹     |       |          | Σχ    |              | X        | *,                                               |         | No. Ol                                           | 5.        |            |              |               | Mean      | No. of h                                         | ours wi        | th Temperat | ure        |            |               |
| lel. Hum.       |           |         |       |          |       |              |          |                                                  |         |                                                  |           | <b>≠</b> 0 | F            | ≤ 32 F        | ≥ 6       | F                                                | 73 F           | ≥ 80 F      | ≥ 93 F     | :          | Total         |
| Dry Bulb        |           |         |       |          |       |              |          |                                                  |         |                                                  |           |            |              |               |           |                                                  |                |             |            |            |               |
| Wer Bulb        |           |         |       |          |       |              |          | <u> </u>                                         | $\bot$  |                                                  | T         |            |              |               |           |                                                  |                |             |            |            |               |
| Dew Point       |           |         |       | <u> </u> |       |              |          | } _                                              |         |                                                  |           |            |              |               | -         |                                                  |                | [           | 1          |            |               |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **PSYCHROMETRIC SUMMARY**

Element (X) Mean No. of Hours with Temperature 21231438 7905824 78.216.642 47.610.179 3325 3337 259872 ≥ 67 F × 73 F × 80 F × 93 F Rel. Hum. ± 0 F ≤ 32 F 93 158834 5.8 3.8 Dry Bulb 44.510.692 40.613.118 6957016 605**7**207 3325 3325 11.3 28.1 93 Wet Bulb 147880 Dew Point 135049

FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-2

### **PSYCHROMETRIC SUMMARY**

12911 5\*ATION RANDOLPH AFB TEXAS/SAN ANTONIU 38-70,72-74 7EC J600-0836 PAGE 1

| Temp.            |             |          |               |       |       |          |         |          |                 | DEPRE          |                |              |         |                |                |          |                                                  | TOTAL        |               | TOTAL      |            |
|------------------|-------------|----------|---------------|-------|-------|----------|---------|----------|-----------------|----------------|----------------|--------------|---------|----------------|----------------|----------|--------------------------------------------------|--------------|---------------|------------|------------|
| (F)              |             | 1 - 2    | 3 - 4         | 5 - 6 | 7 - 8 | 9 - 10   | 11 - 12 | 13 - 14  | 15 - 16         | 17 - 18        | 19 - 20        | 21 - 22      | 23 - 24 | 25 - 26        | 27 - 28        | 29 - 30  | ≥ 31                                             |              | Dry Bulb      | Wet Bulb   | Dew Point  |
| 72/ 71           | _           | • 0      | - 2           | _     |       | _        |         |          |                 | İ              |                | ĺĺĺ          |         |                |                |          |                                                  | 8            | •             | _          |            |
| 70/ 69           | •0          | . 5      |               | •0    |       | • 0      |         |          |                 |                |                |              |         |                |                |          |                                                  | 2.5          |               | 7          | 6          |
| 687 67           | • 1         | 1.4      |               | • 1   | i     | 1        | l       |          | _               | •0             |                |              |         |                |                |          |                                                  | 86           |               | 35         | 21         |
| 66/ 65           | • 4         | 2.4      | • 6           | •0    |       |          |         | i        | •0              |                |                |              |         |                |                |          | <u> </u>                                         | 115          |               | 86         | 67         |
| 64/ 63           | • 4         | 1.7      | . 3           | • 2   | • 0   |          | ,       |          | • 1             |                |                |              |         |                |                |          |                                                  | 1 67         | 87            | 116        | 99         |
| 62/61            | .4          | 1.8      | • 2           | • 2   | • 1   |          | • 1     | •0       | •0              |                |                |              |         |                |                |          |                                                  | 92           | 1             | 98         | 96         |
| 60/ 59           | 1.2         | 1.4      | • 2           | •0    | • 0   | • 0      | • 1     | • 1      | • 1             | Į              |                |              |         |                |                |          | l                                                | 101          | 171           | 104        | 126        |
| 58/ 57           | 1.0         | 1.7      | • 6           | • 2   | • 2   | -1       |         | • 1      |                 |                |                |              |         |                |                |          | ļ                                                | 127          |               | 88         | 87         |
| 56/ 55           | . • /       | 1.6      | • 7           | • 4   | • 1   | •3       | • 2     | • 2      |                 | 1              |                |              |         | ŀ              |                |          |                                                  | 137          | 139           | 90         | 34         |
| 54/ 53           | 1.3         |          | 1.3           | • 5   |       | • 3      | • 2     | •0       |                 |                |                |              |         |                |                |          |                                                  | 202          |               | 124        | 110        |
| 52/ 51           | • 6         | 2.3      | 1.1           | • 6   | . 3   | • 4      | • 0     |          |                 | ļ              |                | !!!          |         |                |                |          |                                                  | 176          |               | 133        | 95         |
| 50/ 49           | . 8         | 2.6      | 1.3           | 1.1   | • 7   | •4       | • 2     |          |                 | <u> </u>       |                |              |         | <u> </u>       |                |          | <u> </u>                                         | 233          |               | 189        | 133        |
| 48/ 47           | 1.0         |          | 1.5           | 1.4   | • 9   | • 3      | • 1     |          |                 |                |                | İ            |         | Į              |                |          | İ                                                | 244          |               | 173        | 153        |
| 46/ 45           | .7          | 2.9      |               | 1.6   | • 9   | . 2      |         |          |                 | ļ              |                |              |         | <del> </del>   |                |          |                                                  | 269          |               | 196        | 152        |
| 44/ 43           | . 5         |          | 2.2           | 1.6   | • 5   | • 1      | l       |          |                 | i              |                |              |         |                |                |          |                                                  | 244          |               | 254        | 139        |
| 42/ 41           | . 5         |          | 2.2           | 1.3   | • 3   | -1       |         |          | <u></u>         | <del> </del>   |                |              |         | <u> </u>       | ļ              |          |                                                  | 226          |               | 244        | 178        |
| 40/ 39           | . 5         |          | 2.9           | 1.7   | • 3   |          |         |          |                 | 1              | ŀ              |              |         | l              |                |          |                                                  | 260          |               | 263        | 180        |
| 38/ 37           | - 3         |          |               | 1.1   | • 1   |          |         |          |                 | <del> </del>   |                |              |         | <u> </u>       |                |          | <del> </del>                                     | 197          |               | 266        | 191        |
| 36/ 35           | •0          |          |               | . 8   | • 2   |          |         |          |                 | •              |                | .            |         | ŀ              |                |          |                                                  | 130          |               | 218        | 170        |
| 34/ 33<br>32/ 31 | • 1         | 1.3      | $\overline{}$ | • 4   |       |          |         |          |                 | <del> </del>   | ļ              |              |         | <del> </del>   | ļ              |          |                                                  | 124          |               | 184        | 189        |
|                  | • 1         | 1.1      | . 6           | • 2   | • 1   |          |         |          |                 |                | ĺ              |              |         | l              | i              | ŀ        |                                                  | 68           |               | 136<br>124 | 220<br>192 |
| 30/ 29<br>28/ 27 | • 1         | •5<br>•6 | 1.0           | • 2   |       |          |         |          |                 | ļ              | <del> </del> - |              |         |                | <del> </del> - |          |                                                  | 58<br>58     |               | 56         | 143        |
| 26/ 25           | • 1         | .4       |               | .0    |       |          |         |          |                 | į              | l              |              |         | l              |                |          |                                                  | 27           |               | 60         | 135        |
| 24/ 23           |             | .6       |               | ••    |       |          |         |          |                 | ├              |                |              |         | <del> </del>   | <u> </u>       |          | <del> </del>                                     | 22           |               | 42         | 105        |
| 22/ 21           |             | .0       |               |       |       |          |         |          |                 | 1              | į .            |              |         |                |                |          | İ                                                | 2            | 3             | 32         | 82         |
| 20/ 19           |             | • 0      | .0            |       |       |          |         |          |                 | <del> </del> - |                | <del> </del> |         |                | <u> </u>       |          |                                                  | 1 7          | 1             | 4          | 45         |
| 18/ 17           |             |          | . • ĭ         | 1     |       | i        |         |          |                 | 1              | l              |              |         |                | l              | İ        |                                                  | 1 .          | 1             | 2          | 52         |
| 16/ 15           |             |          |               |       |       |          |         |          |                 | <del> </del>   | <del> </del>   |              | —       | <del> </del> - | <del> </del>   |          | <del> </del>                                     | <del> </del> | <del> </del>  |            | 34         |
| 14/ 13           |             |          |               |       |       |          |         |          |                 |                | 1              |              |         | [              |                |          |                                                  |              |               |            | 20         |
| 12/ 11           |             |          |               |       |       |          |         |          |                 | <del> </del>   | <del> </del>   |              |         | <del> </del>   | <del> </del>   |          | <del> </del> -                                   | <del> </del> | <del>  </del> |            | 10         |
| 10/ 9            |             |          |               |       |       | . 1      |         |          |                 | ł              | 1              |              |         |                |                |          |                                                  |              |               |            | 5          |
| 8/ 7             |             |          |               |       |       |          |         |          | -               | <del> </del> - | <del> </del>   | <del> </del> |         | <del> </del>   | <del> </del>   | -        | <del>                                     </del> | <del> </del> | <del> </del>  |            | 10         |
| 6/ 5             |             |          |               |       |       |          |         |          |                 |                |                |              |         |                | i              |          |                                                  |              |               |            | 3          |
| Element (X)      |             | Σχ²      |               |       | Σχ    | <u> </u> | ¥       | <b>₹</b> | $\vdash$ $\top$ | No. Ol         | <u>.</u>       | اا           |         | l              | Mean I         | No. of H | ours wit                                         | h Tempera    | ture          |            |            |
| Rel. Hum.        | <del></del> |          |               |       |       |          |         | <u>^</u> | _               |                |                | ± 0 !        |         | 32 F           | ≥ 67           |          | 73 F                                             | ≥ 80 F       | ≥ 93 /        | - 1        | Total      |
| Dry Bulb         | _           |          |               |       |       |          |         |          | _               |                |                |              | $\neg$  |                |                |          |                                                  |              |               | $\dashv$   |            |
| Wet Bulb         |             |          |               |       |       |          |         |          |                 |                |                |              |         |                |                | _        |                                                  | 1            |               |            |            |
| Dew Point        |             |          |               |       |       | _        |         |          |                 |                |                |              |         |                |                |          |                                                  |              | 1             |            |            |
|                  | -           |          |               |       |       |          |         |          |                 |                |                |              |         | ~~~~           |                |          |                                                  |              |               |            |            |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-3 (OL A) P

USAFETAC

# **PSYCHROMETRIC SUMMARY**

| 12911<br>STATION | _             | <u>R</u> A | NDOL                                             | .PH /          | AFB T           | EXAS                                             | /SAI     | THA H        | ONIO      |          | <u>38-</u>   | 707      | 72-74         |            | YE           | ARS     |              |                                                  |              | <del></del>                                      |                                                  | EC.          |
|------------------|---------------|------------|--------------------------------------------------|----------------|-----------------|--------------------------------------------------|----------|--------------|-----------|----------|--------------|----------|---------------|------------|--------------|---------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------|
|                  |               |            |                                                  |                |                 |                                                  |          |              |           |          |              | _        |               |            |              |         |              |                                                  | PAG          | E 2                                              | 0600<br>HOURS (                                  | -0800        |
| Temp.            |               |            |                                                  |                |                 | <del>,</del>                                     |          | TBULB        |           |          |              |          |               |            |              |         |              |                                                  | TOTAL        |                                                  | TOTAL                                            |              |
| (F)              | _             | 0          | 1 . 2                                            | 3 - 4          | 5 - 6           | 7 - 8                                            | 9 - 10   | 11 - 12      | 13 - 14   | 15 - 16  | 17 - 18      | 19 - 20  | 21 - 22       | 23 - 2     | 4 25 - 26    | 27 - 28 | 29 - 3       | 0 ≥ 31                                           | D.B. W.B.    | Dry Bulb                                         | Wet Bulb                                         | Dew Poin     |
|                  | 1             |            | 1                                                | <u> </u>       |                 |                                                  |          |              |           |          |              |          |               |            |              |         |              |                                                  |              |                                                  |                                                  | 1 1          |
| TOTAL            |               | 10.7       | 39.6                                             | 27.3           | 13.9            | 4.9                                              | 2.2      | 2 .7         | • 4       | • 2      | • 1          |          |               |            |              |         |              |                                                  | 3724         | 3338                                             | 3324                                             | 3323         |
|                  |               |            |                                                  |                |                 |                                                  |          |              |           |          |              |          |               |            |              |         |              |                                                  |              |                                                  |                                                  |              |
|                  |               |            |                                                  |                |                 |                                                  |          |              |           |          |              |          |               |            |              |         |              |                                                  |              |                                                  |                                                  |              |
|                  |               |            |                                                  |                |                 |                                                  |          |              |           |          |              |          |               |            | 1            |         |              |                                                  |              | <u> </u>                                         |                                                  |              |
|                  |               |            |                                                  |                |                 |                                                  |          |              |           |          |              |          | <del> -</del> |            |              |         |              |                                                  |              |                                                  | <del> </del>                                     | } <u>-</u>   |
|                  | 1             |            |                                                  |                |                 | <del>                                     </del> |          | -            |           |          |              |          |               |            | <del>i</del> |         |              | $\dagger$                                        |              | <u> </u>                                         | <del> </del>                                     | <u> </u>     |
|                  |               |            |                                                  |                |                 |                                                  |          |              |           |          | ļ            |          |               | -          | +            |         |              |                                                  | <del> </del> | <del>                                     </del> | <del>                                     </del> | <u> </u>     |
|                  | $\dashv$      |            |                                                  | ļ              |                 |                                                  |          | <del> </del> |           |          |              |          |               |            |              |         |              |                                                  | -            |                                                  |                                                  |              |
|                  |               |            |                                                  |                | -               |                                                  | <u> </u> | 1            |           |          |              |          | <u> </u>      |            |              |         |              |                                                  | 1-           |                                                  |                                                  |              |
| <u></u>          | 1             |            |                                                  | <del> </del> - |                 |                                                  | ļ        |              |           |          |              |          |               |            |              |         |              |                                                  | <del> </del> | <del> </del>                                     | <del>                                     </del> | <u> </u>     |
|                  | 1             |            | <del>                                     </del> |                |                 |                                                  |          | 1            |           |          |              | -        |               |            | -            |         | •            |                                                  |              |                                                  | _                                                |              |
|                  | 1             |            |                                                  |                |                 |                                                  |          |              |           |          |              |          |               |            |              |         |              |                                                  | <del> </del> | <u> </u>                                         | <del> </del>                                     |              |
| ·                | $\dashv$      |            | -                                                |                |                 |                                                  |          | ╁──          |           |          |              | <u> </u> |               |            | -            |         |              | +                                                | <u> </u>     | <u> </u>                                         |                                                  |              |
|                  | -             | _          | $\vdash$                                         |                |                 |                                                  | ļ        |              |           |          | <del> </del> |          | <u> </u>      |            | +            |         |              | -                                                | <del> </del> | <u> </u>                                         |                                                  | <del> </del> |
|                  | -             |            |                                                  |                | <u> </u>        | <del> </del>                                     | -        | <del> </del> | <br>      | ¦        |              |          |               |            | -            |         |              | -                                                | <del> </del> | <u> </u>                                         |                                                  |              |
|                  | _             |            |                                                  | <u> </u>       |                 | <u> </u>                                         |          | ļ            | ļ         |          | <u> </u>     |          |               |            | <u> </u>     |         |              | <del>                                     </del> | <u> </u>     |                                                  | <u> </u>                                         | <u> </u>     |
| Element ()       |               |            | Zx2                                              | <u> </u>       | <u> </u>        | z <sub>x</sub>                                   | <u> </u> |              | <u> </u>  | <u>L</u> | No. Ol       |          | <u> </u>      |            | [            |         | 1 1          |                                                  |              | <u></u>                                          | <u> </u>                                         | <u> </u>     |
| Rel. Hum.        | ~/            |            |                                                  | 3851           |                 |                                                  | 25       | 78.5         | ₹<br>14 5 | 25 -     |              |          |               | - 1        | - 10.5       | ,       |              |                                                  | h Tempera    | -y                                               |                                                  |              |
| Cry Bulb         | -+            |            | 774                                              | 1140           | <del> </del>    | 1570                                             | 62       | 47.0         | 10.2      | 22       | 22           | 23<br>38 | 1 1           | <u></u>  - | 1 32 F       | ≥ 67    |              | ≠ 73 F                                           | ≥ 80 F       | ≥ 93                                             | <u></u>                                          | Total<br>93  |
| Wet Bulb         | <del>-i</del> |            | 402                                              | 3251           | <del>' </del> - | 1463                                             | 20       | 44.0         | 1000      | 24       |              |          |               |            | 6.7          |         | <u>, 3</u> · |                                                  | <del> </del> |                                                  |                                                  |              |
| Dam B. tat       |               |            |                                                  | 3600           |                 | 1403                                             | 47       | 44.0         | 10.0      | 22       |              | 24       |               |            | 12,8         | 1       | -4           |                                                  | <del> </del> |                                                  |                                                  | 93           |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

# **PSYCHROMETRIC SUMMARY**

RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME DEC HTHOM 12911 STATION 38-70,72-74

0900-1130 HOURS (L. S. T.) PAGE 1

| Temp.       |     |       |       |          |       |        |          |                |          |           | SSION (                                      |         |         |                |          |          |           | TOTAL                                        |          | TOTAL    |           |
|-------------|-----|-------|-------|----------|-------|--------|----------|----------------|----------|-----------|----------------------------------------------|---------|---------|----------------|----------|----------|-----------|----------------------------------------------|----------|----------|-----------|
| (F)         | 0   | 1 - 2 | 3 - 4 | 5 - 6    | 7 - 8 | 9 - 10 | 11 - 12  | 13 - 14        | 15 - 16  | 17 - 18   | 19 - 20                                      | 21 - 22 | 23 - 24 | 25 - 26        | 27 - 28  | 29 - 30  | ≥ 31      | D.B./W.B.                                    | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81      |     |       |       |          |       |        |          |                |          |           |                                              | • 0     |         | <u> </u>       |          |          |           | 1                                            | ĭ        |          |           |
| 80/ 79      |     |       |       |          |       |        |          |                |          |           | .0                                           |         |         | ]              | ]        | ]        | Ì         | 1                                            | 1        | i        | ļ         |
| 78/ 77      |     |       |       |          |       |        | • 1      |                |          |           |                                              |         |         | 1              |          |          |           | 2                                            | 2        |          | <u> </u>  |
| 76/ 75      |     |       | i     | •0       | • 1   | . 1    | . C      | •0             |          | , 1       |                                              | Ì       |         |                |          |          | İ         | 13                                           | 13       | l        |           |
| 74/ 73      |     | • Ç   | • 1   | • 2      | • 2   | •0     | •0       |                | .0       |           |                                              |         |         | <del> </del> - | <b>-</b> |          | i         | 21                                           | 21       |          |           |
| 72/ 71      |     | . 2   | .6    | .4       | . 4   | . 1    | • 1      | . 1            | .0       |           | .0                                           |         |         | 1              | Į į      |          |           | 6.2                                          |          |          |           |
| 70/ 69      | • 1 | .6    | 1.1   | .8       | • 2   | .1     | • 1      | • 1            | ,1       | • 1       | •1                                           |         |         |                |          | <b></b>  |           | 120                                          | 120      | 24       | 10        |
| 68/ 67      | ·i  | 1.1   |       |          |       |        |          | • 1            | .1       | . 1       | , -                                          |         |         | i              |          | }        |           | 147                                          |          |          | 40        |
| 66/ 65      | .1  | 1.4   |       | • 5      | • 5   | • 5    | .3       |                |          |           |                                              |         |         |                |          |          | i ——      | 173                                          |          | 127      |           |
| 64/ 63      | • 2 | 1.6   | .6    |          |       |        |          |                |          | 1         | 1                                            |         |         | ĺ              | ļ        | ŀ        |           | 155                                          |          |          | 97        |
| 62/ 61      | .5  |       |       | • 7      | • 4   | .4     |          |                |          |           |                                              |         |         |                |          |          |           | 185                                          |          |          |           |
| 60/ 59      | .4  |       | .8    | • 9      | . 8   | . 9    |          |                | .3       |           |                                              |         |         | į              | 1        | 1        | 1         | 234                                          | 236      | 115      | 112       |
| 58/ 57      | .5  | 1.4   |       | • 9      | 1.0   | • 7    | 1.0      |                | • 2      |           |                                              |         |         |                | i .      | i —      |           | 234                                          |          |          |           |
| 56/ 55      | .5  |       |       | .7       | . 8   | 1      |          |                |          | 1         |                                              |         |         |                |          |          |           | 239                                          |          |          |           |
| 54/ 53      | .4  | 1.5   | . 9   | 1.4      | 1.3   | . 9    |          |                |          |           |                                              |         |         | <u> </u>       |          |          |           | 254                                          | 254      | 164      | 120       |
| 52/ 51      | .3  | 1.7   | 1.0   | 1.1      | 1.1   | 1.3    | .5       | • 1            | 1        |           | i i                                          |         |         | 1              | Ì        | 1        | Ì         | 241                                          | 241      |          | 122       |
| 50/ 49      | .5  | 1.4   | 1.4   | 1.3      | 1.3   | • 9    |          |                |          |           |                                              |         |         |                |          | i        |           | 245                                          |          |          | 170       |
| 48/ 47      | .3  | 1.0   | 1.2   | 1.0      | 1.2   | 1.0    |          | •0             |          | j         | i                                            | i       | l       | į              | İ        | İ        | 1         | 198                                          |          |          |           |
| 46/ 45      | • 2 |       |       | 1.4      | 1.0   | .4     | • 1      |                |          |           |                                              |         |         | 1              |          |          | i         | 179                                          | 180      | 279      | 154       |
| 44/ 43      | • 3 | 1.6   | .7    | 1.0      | • 9   | . 4    | .1       |                |          | 1         |                                              |         |         | 1              |          |          | ļ         | 170                                          | 170      |          | 172       |
| 42/ 41      | • 2 | •9    | 1.2   |          | • 6   | • 2    | •0       |                |          |           | ]                                            |         |         |                |          |          |           | 135                                          | 135      | 247      | 191       |
| 40/ 39      | .1  | •9    | 1.C   | .6       | . 8   |        |          |                |          | L         | L :                                          |         |         |                |          |          |           | 114                                          | 114      | 200      | 187       |
| 38/ 37      | •0  | • 4   | • 5   | .7       | . 3   |        |          | l              |          |           | 1                                            |         |         |                |          |          | i         | 63                                           | 53       | 170      | 136       |
| 36/ 35      | . 1 | .3    | .6    | .5       | • 1   |        | Ĺ        |                |          |           | L                                            |         |         | J              |          | l        | <b> </b>  | 56                                           |          |          |           |
| 34/ 33      | • 1 | •0    | • 4   | .4       | • 1   |        |          |                |          |           |                                              |         |         | 1              | T        |          |           | 34                                           | 34       |          |           |
| 32/ 31      |     | .2    | 3     | 3        | • 1   |        | )<br>!   | <u> </u>       | <u> </u> | ]         | <u> </u>                                     |         |         | 1              | Ì        | ]        | ]         | 37                                           | 32       | 73       | 172       |
| 30/ 29      |     | • 1   | • 1   | • 1      |       |        | l        | i ——           |          |           |                                              |         |         | Ī              |          |          |           | 11                                           | 11       | 49       |           |
| 28/ 27      | . 1 | .0    | • 1   | • 1      |       |        |          | l              |          | L         | <u>.                                    </u> |         |         | <u> </u>       | J        | l        | <u> </u>  | 12                                           | 12       |          |           |
| 26/ 25      |     |       | .0    |          |       |        |          |                |          |           | Ι                                            |         |         |                |          |          |           | 1                                            | 1        | 19       |           |
| 24/ 23      |     | L     | .0    |          |       |        |          | L              |          |           | <u> </u>                                     |         |         |                |          |          |           | 1                                            | 1        | ৪        | 1 ,       |
| 22/ 21      |     | l     |       |          |       |        |          |                |          |           |                                              |         |         |                |          | <u> </u> |           |                                              |          | 3        |           |
| 20/ 19      |     |       | L     | <u> </u> |       |        | <u> </u> |                |          |           | <u> </u>                                     |         | L       | L              |          |          | <u></u> . | l                                            |          | 1        | 51        |
| 18/ 17      |     |       |       |          |       |        |          |                | i —      |           |                                              |         |         |                |          |          | I         |                                              |          |          | 42        |
| 16/ 15      | L   | L     | L.    |          |       | L      | L        |                | L        | <u></u> . | <u> </u>                                     |         | L       | <u>L</u>       |          |          |           | <u>                                     </u> |          | <u> </u> | 29        |
| Element (X) |     | Σχ²   |       |          | z x   |        | X        | ₹ <sub>X</sub> |          | No. O     | bs.                                          |         |         |                | Mean     | No. of H | ours wit  | h Tempera                                    | ture     |          |           |
| Rel. Hum.   |     |       |       |          |       | $\Box$ |          |                | $\Box$   |           |                                              | ≤ 0     | F       | ± 32 F         | ≥ 67     | C 2      | 73 F      | ≥ 80 F                                       | ≥ 93     | F        | Total     |
| Dry Bulb    |     |       |       |          |       |        |          | <u> </u>       |          |           |                                              |         |         |                |          |          |           |                                              |          |          |           |
| Wet Bulb    |     |       |       |          |       |        |          |                |          |           |                                              |         | $\Box$  |                |          | $\Box$   |           |                                              |          |          |           |
| Dew Point   |     |       |       |          |       |        |          |                |          |           |                                              |         |         |                |          |          |           |                                              |          |          |           |
|             |     |       |       |          |       |        |          |                |          |           |                                              |         |         |                |          |          |           |                                              |          |          |           |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RANDOLPH AFB TEXAS/SAN ANTONIO 38-70,72-74

# **PSYCHROMETRIC SUMMARY**

| STATION         |     |          |                                                  | 5              | TATION N   | AME         |          |           |             |                                                  |         |          |                 | YE       | ARS       |        |      |              |                 | MC                 | NTH     |
|-----------------|-----|----------|--------------------------------------------------|----------------|------------|-------------|----------|-----------|-------------|--------------------------------------------------|---------|----------|-----------------|----------|-----------|--------|------|--------------|-----------------|--------------------|---------|
|                 |     |          |                                                  |                |            |             |          |           |             |                                                  |         |          |                 |          |           |        |      | PAG          | E 2             | <u>0900</u>        | -110    |
| Temp.           |     |          |                                                  |                |            | WET         | BULB '   | TEMPER    | ATURE       | DEPRE                                            | SSION   | F)       |                 |          |           |        |      | TOTAL        |                 | TOTAL              |         |
| (F)             | 0   | 1 - 2    | 3 - 4                                            | 5 - 6          | 7 - 8      | 9 - 10      | 11 - 12  | 13 - 14   | 15 - 16     | 17 - 18                                          | 19 - 20 | 21 - 22  | 23 - 24         | 25 - 26  | 27 - 28 2 | 9 - 30 | ≥ 31 | D.B./W.B.    | Dry Bulb        | Wet Bulb           | Dew Po  |
| 14/ 13          | **  | i        |                                                  | 1              |            | i — —       |          |           | i           |                                                  |         | Γ        |                 | 1        |           |        |      |              |                 |                    | 1       |
| 12/ 11          |     |          | l                                                |                |            |             |          |           |             | ĺ                                                | İ       |          |                 | i        |           |        |      |              |                 | l                  | ī       |
| 12/ 11<br>10/ 9 |     | i        | 1                                                |                |            |             |          |           |             | <del>                                     </del> |         |          | i               |          |           |        |      |              |                 | i                  | 1       |
| 8/ 7            |     |          |                                                  | ł              |            |             | 1        |           | i           | [                                                | ļ       | }        |                 |          | - 1       |        |      | l i          |                 | •                  | _       |
| 8/ 7            |     |          | <del>                                     </del> | i              |            |             |          |           |             |                                                  |         |          | i               | 1        |           |        |      |              |                 | i                  |         |
| 4/ 3            |     |          | ļ                                                | ļ              |            |             |          |           |             |                                                  | ľ       |          |                 |          | ı         |        |      |              |                 | •                  |         |
| 2/ 1            |     |          | Ì                                                |                |            |             |          |           |             | 1                                                | i       |          |                 |          |           |        |      |              |                 | i                  |         |
| 0/ -1           |     | f        |                                                  | l              | <b>i</b> . | ]           | 1        |           | ]           | ł                                                |         | •        |                 | 1 1      | - 1       |        |      | į į          |                 | į                  |         |
| -6/ -7          |     |          | 1                                                | i              |            |             |          |           |             | i —                                              |         |          |                 |          |           |        |      |              |                 | i                  |         |
| DTAL            | 5.2 | 22.0     | 19.1                                             | 17.2           | 14.1       | 9.9         | 6.9      | 2.7       | 1.8         | _,7                                              | 2       | 0        |                 |          | - 1       |        |      |              | 3344            | ļ                  | 333     |
|                 |     |          | 1                                                | T              |            | -           |          | -         | -           |                                                  |         |          |                 |          | 1         |        |      | 3334         |                 | 3335               |         |
| Į.              |     | ŀ        |                                                  |                | '          | 1           | ļ        |           | l           |                                                  | İ       | •        |                 | i        | - 1       |        |      |              |                 |                    |         |
|                 |     |          |                                                  |                |            |             |          |           |             | <del></del>                                      |         |          |                 |          |           |        |      | T            |                 |                    |         |
|                 |     |          | ļ                                                | ĺ              |            | }           | 1        |           | 1           | l                                                |         | İ        |                 |          | - 1       |        |      | !            | Ì               |                    |         |
|                 |     | <u> </u> | 1                                                |                | 1          |             |          |           |             | i                                                | 1       |          |                 |          |           |        |      |              | i               |                    |         |
|                 |     |          |                                                  | ĺ              |            |             | !<br>!   | ŀ         | }           | 1                                                |         |          |                 | 1        |           |        |      | ļ            | l               | i                  |         |
|                 |     | i        |                                                  |                |            |             | 1        | i         | i           |                                                  |         |          |                 |          |           |        |      |              |                 |                    |         |
|                 |     |          |                                                  | i              | Į          |             |          |           |             |                                                  |         |          |                 | 1 !      |           |        |      |              | _               |                    |         |
|                 |     |          |                                                  |                |            |             |          |           |             |                                                  |         |          |                 |          |           |        |      |              |                 |                    |         |
| 1               |     | ł        | 1                                                | ĺ              | 1          |             |          |           | i           | 1                                                |         |          | İ               |          |           |        |      |              |                 | 1                  | }       |
|                 |     |          |                                                  |                |            |             |          |           |             |                                                  |         |          |                 |          |           |        |      |              |                 |                    |         |
| į.              |     |          | 1                                                |                |            | i           |          | <u> </u>  |             |                                                  |         | <u> </u> |                 | 11       |           |        |      | L            |                 |                    |         |
|                 |     |          |                                                  |                | T -        |             |          |           |             |                                                  | 1       |          |                 |          |           |        |      |              |                 |                    |         |
| ļ               |     | 1        |                                                  |                | J          | l           | ļ        |           | l           | 1                                                |         |          |                 | 1 1      |           |        |      | [            | ļ               | 1                  | ļ       |
|                 |     | 1        |                                                  |                |            |             |          |           |             |                                                  |         |          |                 |          |           |        |      |              |                 |                    |         |
|                 |     | 1        | i                                                |                | l          | l           |          | l         | }           | 1                                                |         |          |                 | i        |           |        |      | •            | ļ               |                    | 1       |
|                 |     |          | Ī                                                |                |            |             |          |           |             |                                                  |         |          |                 |          |           |        |      |              |                 | Ī                  |         |
|                 |     |          |                                                  |                |            |             | ].       |           |             | !                                                | 1       | l        |                 |          |           |        |      |              |                 |                    |         |
|                 |     |          |                                                  |                |            |             |          |           |             |                                                  | 1       |          |                 | 1        |           |        |      | !            | 1               |                    |         |
|                 |     |          |                                                  | <u>L</u>       | <u></u>    |             | <u> </u> | L         |             |                                                  |         |          | <u></u>         |          |           |        |      |              | <u></u>         | <u>i</u> _         |         |
|                 |     |          |                                                  |                | 1          | i           |          | Ι         |             |                                                  |         |          |                 |          |           |        |      |              | <u> </u>        |                    |         |
|                 |     |          | <u></u>                                          | <u> </u>       |            |             |          | <u></u> _ |             | L                                                | L_      | Ĺ        |                 | <u></u>  |           |        |      | <u></u>      |                 | <u> </u>           | <u></u> |
|                 |     |          |                                                  |                |            |             |          | [         |             |                                                  |         |          |                 |          | Ī         |        |      |              |                 |                    |         |
| Element (X)     |     | EX       | <u> </u>                                         | ┼              | ZX         | <del></del> | Į<br>X   | •,        | <del></del> | No. O                                            | 1       | J        | <u> </u>        | <u> </u> | Mago Ma   | - 6 H  |      | h Tempero    |                 | <u></u>            | L       |
| Rel. Hum.       |     |          | 3117                                             |                | 2253       | 63          |          |           |             |                                                  | 24      | ⊴ 0      | e l             | ≤ 32 F   | × 67 1    |        | 73 F | ≥ 80 F       | 2 93            | E                  | Total   |
| Dry Bulb        |     | 1011     | 6443                                             | <del>  -</del> | 1797       | 51          | 53.8     | 0 8       | 48          |                                                  | 44      | _ = 0    | <del>'  -</del> | 1.6      |           | _      | 1.1  | <del></del>  |                 | <del>-   -</del> - | 10161   |
| Wet Bulb        |     |          | 6653                                             |                | 1600       | 20          | 48.2     | 0 0       | 40          |                                                  | 35      |          | -               | 5.1      |           |        | 101  | -            | <del>' </del> - |                    |         |
| Cew Point       |     |          | 1868                                             |                | 1401       | 23          | 42.0     | 7.7       | 100         |                                                  | 35      |          | •1              | 24.6     | 2.        |        |      | <del> </del> |                 |                    |         |

USAFETAC FORM 10.26-3 (OL A) PRIVIDUS EDITIONS OF THIS FORM ARE OBSOLETE

### **PSYCHROMETRIC SUMMARY**

| 2911<br>STATION  | KA  | RANDOLPH AFB TEXAS/SAN ANTONIO 39-70,72-74  STATION HAME YEARS |       |              |                |                                                  |          |                |         |                                                  |          |            |               |                                                  |                                                  |          | MONTH          |                 |               |                  |                    |
|------------------|-----|----------------------------------------------------------------|-------|--------------|----------------|--------------------------------------------------|----------|----------------|---------|--------------------------------------------------|----------|------------|---------------|--------------------------------------------------|--------------------------------------------------|----------|----------------|-----------------|---------------|------------------|--------------------|
|                  |     |                                                                |       |              |                |                                                  |          |                |         |                                                  |          |            |               |                                                  |                                                  |          |                | PAG             | E 1           | 1200<br>HOURS (1 | -141)<br>L. S. T.I |
| Temp.            |     |                                                                |       |              |                | WET                                              | BULB     | EMPER          | ATURE   | DEPRE                                            | SSION (I | )          |               |                                                  |                                                  |          |                | TOTAL           |               | TOTAL            |                    |
| (F)              | 0   | 1 • 2                                                          | 3 - 4 | 5 · 6        | 7 - 8          | 9 - 10                                           | 11 - 12  | 13 - 14        | 15 - 16 | 17 - 18                                          | 19 - 20  | 21 - 22    | 23 - 24       | 25 - 26                                          | 27 - 28                                          | 29 - 30  | 231            | D.B./W.B.       | Dry Sulb      | Wet Bulb         | Dew Po             |
| 90/ 89           |     |                                                                |       |              |                |                                                  |          |                |         |                                                  |          |            |               | •0                                               |                                                  |          |                | 1               | 1             |                  |                    |
| 88/ 87           |     |                                                                |       |              |                |                                                  | <u></u>  |                |         |                                                  |          |            | •0            |                                                  |                                                  |          | <u> </u>       | 1               | 1             |                  |                    |
| 86/ 85           |     |                                                                |       |              |                |                                                  |          |                |         |                                                  |          |            | • 0           |                                                  |                                                  |          | l              |                 | 1             |                  |                    |
| 84/ 83<br>82/ 81 |     |                                                                |       |              |                |                                                  |          | • 0            | • 1     |                                                  | • 1      | <u>• 9</u> | •0            | •0                                               | <b> </b>                                         |          | <del> </del>   | , s             | 8             |                  |                    |
| 82/ 81<br>80/ 79 |     |                                                                |       | _            | 6              | •0                                               | e 1      | • 0            | • 1     | ١,                                               | _,       | • 4        | • 4           | ١,                                               |                                                  |          |                | 13              | 13<br>39      | i                |                    |
| 78/ 77           |     |                                                                |       | •0           | -0             | .6                                               | • 3      | • 2            | .2      |                                                  | • 0      | • 0        | •0            |                                                  | <b> </b> -                                       |          |                | 78              | 78            |                  |                    |
| 76/ 75           |     |                                                                | . 1   | • 1          | .3             |                                                  | • 6      | .5             | •1      | .0                                               | .3       | • 2<br>• 2 | .1            | •1                                               |                                                  |          |                | 138             | 138           | . 1              |                    |
| 74/ 73           |     | •0                                                             |       | • 7          | • 8            |                                                  |          | .4             | •4      |                                                  | .2       | • 2        |               |                                                  | -                                                |          |                | 162             | 162           | i                |                    |
| 72/ 71           |     | ,1                                                             | . 2   | 1.0          | .9             |                                                  |          | . 4            | .7      | .5                                               | 4        | . 2        | ن و           | ļ                                                |                                                  |          |                | 194             | 194           | 15               | l                  |
| 70/ 69           |     | - 2                                                            | • 9   | 1.1          | • 9            |                                                  |          |                | • 5     |                                                  | • 4      | • 1        | ·             | <del>                                     </del> | <del>                                     </del> |          |                | 228             | 228           | 54               | _                  |
| 68/ 67           | • 0 | : .                                                            | .7    | .5           | 1.0            |                                                  |          |                | 1.1     | .5                                               | . 2      | . 1        |               | ļ                                                | l                                                |          | 1              | 230             | 240           | 102              |                    |
| 66/ 65           | • 1 | • 3                                                            | • 6   | • 7          | .9             |                                                  | . 8      |                | ,9      |                                                  | .3       |            |               |                                                  |                                                  |          |                | 224             | 225           | 174              |                    |
| 54/ 63           | • 1 | • 5                                                            | .7    | • 6          | • 7            | .8                                               | .7       | 1.4            | . 8     |                                                  | . 1      |            |               |                                                  |                                                  |          |                | 236             | 237           | 182              | _1                 |
| 62/ 61           | • 1 |                                                                | • 6   |              | • 5            |                                                  | •9       | 1.0            | •9      |                                                  | •0       |            |               |                                                  |                                                  |          |                | 222             | 222           | 156              | 1                  |
| 60/ 59           | .1  | .6                                                             | .7    | •6           | • 5            |                                                  |          | 1.0            | • 9     |                                                  |          |            |               |                                                  | ļ                                                |          | <u> </u>       | 211             |               | 178              | 1                  |
| 58/ 57           | • 2 | • 7                                                            | • 6   |              | • 6            |                                                  |          | 1.1            | • 5     |                                                  |          |            |               |                                                  |                                                  | !        | 1              | 207             | 207           | 197              | 1                  |
| 56/ 55           | • 1 | .4                                                             | • 5   |              | • 7            |                                                  | 1.0      | . 8            |         |                                                  |          |            |               | ļ                                                | <u> </u>                                         |          | <del> </del>   | 185             | 185           | 222              | 1                  |
| 54/ 53<br>52/ 51 | • 2 |                                                                | • 5   |              | • 8            |                                                  |          |                |         |                                                  |          |            |               | l                                                | 1                                                |          |                | 188<br>141      | 138<br>141    | 232<br>257       |                    |
| 52/ 51<br>50/ 49 | . 2 |                                                                | • 4   |              | • 6            |                                                  | • 5      |                |         |                                                  |          |            |               |                                                  | <del> </del>                                     |          | <del> </del>   | 148             | 149           | 266              | ·                  |
| 48/ 47           | .2  | .4                                                             | .2    | 4            | .6             |                                                  | .3       | 1              | • •     |                                                  |          |            |               |                                                  |                                                  |          |                | 90              |               |                  | Ιî                 |
| 46/ 45           | •1  |                                                                |       | • 7          | _              |                                                  |          |                |         | <del>                                     </del> |          |            |               | <del>                                     </del> |                                                  |          | <del> </del>   | 115             | 115           | 274              | ī                  |
| 44/ 43           | . 2 |                                                                | .4    | .3           | .5             |                                                  |          |                |         |                                                  |          | - 1        |               |                                                  | 1                                                |          | 1              | 91              | 91            | 194              | 1                  |
| 42/ 41           | •1  | .6                                                             |       |              | • 3            | .3                                               |          |                |         |                                                  |          |            |               |                                                  | T                                                |          | 1              | é5              | 65            | 156              | 1                  |
| 40/ 39           |     | .3                                                             | .3    | .3           | . 3            | .1                                               | ļ        |                | i       | 1                                                |          |            |               |                                                  |                                                  | 1        | 1              | 44              | 44            | 146              |                    |
| 38/ 37           | •0  |                                                                |       |              | • 2            |                                                  |          |                |         |                                                  |          |            |               |                                                  | -                                                |          |                | 26              |               | 99               |                    |
| 36/ 35           | .1  | • 2                                                            |       |              | • 1            |                                                  |          |                |         | <u> </u>                                         |          |            |               | ļ                                                | <u> </u>                                         |          | ļ              | 26              |               |                  |                    |
| 34/ 33           | •0  | .2                                                             | 1     |              | •1             | 1                                                |          |                |         |                                                  |          |            |               |                                                  |                                                  |          |                | 14              |               | 54               | -                  |
| 32/ 31           |     |                                                                | •0    |              | ļ              |                                                  |          |                |         | <u> </u>                                         |          |            |               | <u> </u>                                         | <u> </u>                                         |          | <del>  </del>  | - 3             |               |                  |                    |
| 30/ 29           | ^   |                                                                |       | •0           |                |                                                  |          |                |         |                                                  |          |            |               | 1                                                |                                                  | Ì        |                | 1 3             | _             | 16               |                    |
| 28/ 27<br>26/ 25 | •0  | • 1                                                            |       |              | <del> </del>   | ├                                                | <b> </b> | <del> </del> - |         | <del> </del>                                     |          |            |               | <del> </del>                                     | <del> </del>                                     | ├        | <del> </del> - | <del>├</del> ─- | 3             | 6                |                    |
| 26/ 23<br>24/ 23 |     |                                                                |       | į            | 1              |                                                  |          |                |         |                                                  |          |            |               |                                                  |                                                  |          |                |                 |               | 1                | 1                  |
| Element (X)      |     | Σχ'                                                            | l     | <del> </del> | z <sub>x</sub> | <del>'                                    </del> | <u>፟</u> | -,             |         | No. Ol                                           |          |            |               | <u></u>                                          | Mean                                             | No. of t | lours wi       | h Tempera       | ture          | <u>-</u>         | <u> </u>           |
| Rel. Hum.        |     |                                                                |       | ~ X          |                |                                                  | <u> </u> | <del>  ^</del> |         | ,,                                               |          | ≤ 0 1      |               | ≤ 32 F                                           | ≥ 67                                             |          | ≥ 73 F         | ≥ 80 F          | z 93 i        | F                | Total              |
| Dry Bulb         |     |                                                                |       | <u> </u>     |                | $\dashv$                                         |          |                |         |                                                  |          |            | _             |                                                  | <del>                                     </del> |          |                | 1               | 1             |                  |                    |
| Wet Bulb         |     |                                                                |       |              |                |                                                  |          |                |         |                                                  |          |            | $\neg \vdash$ |                                                  |                                                  |          |                |                 | <del>- </del> |                  |                    |
| Dew Point        |     |                                                                |       |              |                |                                                  |          |                |         |                                                  |          |            | $\neg \vdash$ |                                                  |                                                  | $\neg$   |                | <del></del>     |               |                  |                    |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

FORM G-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR MEATHER SERVICE/MAC

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-70,72-74
STATION STATION NAME

### **PSYCHROMETRIC SUMMARY**

| SIAIIUN    |     |          |              | •        | I A I IUN N   | AME         |                |          |           |          |          |          |          | ,,,      | ARS      |          |           |                                                  |              | MU              | 717                |
|------------|-----|----------|--------------|----------|---------------|-------------|----------------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------------------------------------|--------------|-----------------|--------------------|
|            |     |          |              |          |               |             |                |          |           |          |          |          |          |          |          |          |           | PAG                                              | £ 2          | 1200<br>HOURS ( | -1490<br>L. s. T.i |
| Temp.      |     |          | <del></del>  |          |               | WET         | PULB 7         | EMPER    | ATURE     | DEPRE    | SSION (  | F)       |          |          |          |          |           | TOTAL                                            |              | TOTAL           |                    |
| (F)        | 0   | 1 - 2    | 3 - 4        | 5 - 6    | 7 - 8         | 9 - 10      | 11 - 12        | 13 - 14  | 15 - 16   | 17 - 18  | 19 - 20  | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31      | D.B. W.S.                                        | Dry Bulb     | Wet Bulb        | Dew Por            |
| 22/ 21     |     |          |              |          |               |             |                |          |           |          |          |          |          |          |          |          |           | i                                                | i            |                 | 6                  |
| 20/ 19     |     |          |              |          | i             | 1           |                |          |           |          |          |          |          |          |          |          | i         |                                                  |              |                 | 63                 |
| 18/ 17     |     |          |              |          |               | <u> </u>    | 1              |          |           |          |          |          |          | <u> </u> |          |          | i         |                                                  | <del> </del> |                 | 48                 |
| 6/ 15      |     |          |              |          | İ             |             |                |          |           | i        |          |          |          |          |          |          | l         |                                                  | İ            | ļ               | _2                 |
| 4/ 13      |     |          |              |          | i             |             |                |          |           |          |          |          |          |          |          |          | i —       | <del>                                     </del> |              | i               | 1                  |
| 2/ 11      |     |          |              |          |               | İ           |                |          |           |          |          |          |          |          |          |          | ļ         |                                                  |              |                 | 1                  |
| 0/ 9       |     |          |              |          |               | i           |                |          |           |          |          |          | -        |          |          |          | i         | 1                                                | 1            | i               | 1                  |
| 8/ 7       |     |          | ŀ            |          |               |             |                |          |           | İ        |          | i i      |          | į į      | i        |          | 1         | 1                                                |              | Į.              | İ                  |
| 6/ 5       |     |          |              |          |               |             |                |          |           |          |          |          |          |          |          |          |           |                                                  | T            |                 |                    |
| 4/ 3       |     |          |              |          |               | ŀ           |                |          |           |          |          |          |          |          | į        |          |           | ļ                                                | ĺ            | }               |                    |
| 2/ 1       |     |          |              |          |               | i -         |                |          |           |          |          |          |          |          |          |          |           | Ţ                                                | T            |                 |                    |
| 8/ -9      |     |          |              |          |               | ļ           | i i            |          |           |          |          |          |          |          |          |          | ļ         | ļ                                                | ļ            |                 |                    |
| TAL        | 1.9 | 10.4     | 9.5          | 11.3     | 13.4          | 14.8        | 12.5           | 10.9     | 7.8       | 3.4      | 2.2      | 1.2      | . 4      | • i      |          | • 0      |           |                                                  | 3340         |                 | 334                |
| ]          |     | ļ        | ļ            |          |               |             |                |          | j         |          |          |          |          |          |          |          | Į         | 3741                                             | <u> </u>     | 3341            |                    |
|            |     |          |              |          | 1             |             |                |          |           |          |          |          |          |          |          |          | 1         |                                                  | T            |                 |                    |
|            |     |          |              | <u> </u> |               |             | i              |          |           |          |          |          |          |          |          |          |           | <u> </u>                                         | !<br>!       |                 |                    |
|            |     |          |              |          |               |             |                |          |           |          |          |          |          | I - 1    |          |          | ]         | Ĭ                                                | Ī -          |                 | 1                  |
|            |     |          | ļ            |          |               |             |                |          |           |          |          |          |          |          |          |          |           | ļ                                                |              |                 | <u> </u>           |
|            |     |          |              |          |               |             |                |          |           |          |          |          |          |          |          |          |           | ļ                                                |              |                 |                    |
| i          |     | <u> </u> | <u> </u>     |          | L             |             |                |          |           |          |          |          |          |          | <u> </u> |          |           | ļ                                                | <u> </u>     |                 |                    |
| _ [        |     | !<br>!   |              |          |               |             |                |          |           |          |          |          |          |          |          |          | 1         |                                                  |              |                 |                    |
|            |     | <u> </u> | <u> </u>     | <u> </u> |               | <u> </u>    |                | l        |           |          |          |          |          |          |          |          |           | ļ                                                | <u> </u>     |                 | !                  |
|            |     |          | 1            |          |               | i           |                |          |           | ĺ        |          |          |          | 1        |          |          | i         | 1                                                |              |                 | 1                  |
|            |     | <u> </u> |              |          | <u> </u>      |             | <del> </del> _ |          |           |          |          |          |          | <u> </u> |          |          | <u> </u>  |                                                  |              | ļ               | !                  |
|            |     | !        | ł            |          | }             |             |                |          | ł         |          |          | [        |          | i        |          |          | 1         | 1                                                | 1            | 1               | ł                  |
|            |     |          | <u> </u>     | L        | <u> </u>      | <u> </u>    | ļ              | <u> </u> | <u>i</u>  | L        |          |          |          | <u> </u> |          |          | <u> </u>  | ļ                                                | <u> </u>     |                 | ļ                  |
| i          |     | ĺ        | 1            |          |               | 1           | ŀ              |          |           | İ        |          |          |          | i i      |          |          | İ         |                                                  | İ            |                 |                    |
|            |     |          | ļ            | ļ        | ļ             | <u> </u>    | <del> </del>   |          | <u> </u>  | ļ        |          | <u> </u> | <u> </u> | ļ        |          |          | <u> </u>  | <u> </u>                                         | ļ            |                 | ļ                  |
| l          |     |          |              |          | İ             | l           |                |          | ł         |          |          |          |          | 1        |          |          |           |                                                  |              |                 | İ                  |
|            |     | <u> </u> | ļ            | <u> </u> | <u> </u>      | ļ           | <del> </del>   | ļ        | ļ —       |          |          | <u> </u> | ļ        | ļ        |          |          | <u> </u>  |                                                  | <b>↓</b>     | <b> </b>        | ļ                  |
|            |     |          |              |          |               | 1           | 1              | 1        |           | İ        |          |          | l        |          |          |          |           |                                                  | 1            |                 | İ                  |
|            |     | ļ        | <del> </del> | -        | ļ             | <b></b>     | <del> </del>   | <u> </u> | <u> </u>  | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <b>├</b> |          |          |           | <del> </del>                                     | <del> </del> |                 | ļ                  |
| 1          |     | į        | 1            |          | 1             |             | 1              |          |           |          |          | ]        |          |          |          |          | i         |                                                  | 1            |                 |                    |
| lement (X) |     | Zx'      | ·            |          | ZX            | <del></del> | ;<br>X         |          | L         | No. Ol   | L        |          | <u> </u> | <u> </u> | Menc     | 10. 01 4 | lours wit | h Tempero                                        | 1            | <u> </u>        | <u></u>            |
| Rel. Hum.  |     |          | 1282         |          | <u> 1</u> 850 | 96          | 55.4           |          |           | 33       |          | = 0      | F        | 1 32 F   | ≥ 67     |          | 73 F      | - 80 F                                           |              | F               | Total              |
| y Bulb     |     | 1265     | 8792         | 1        | 2027          |             | 60.6           | 10.5     | 28        |          | 46       |          | -+-      | • 2      |          |          | 12.3      |                                                  |              |                 | 3                  |
| let Bulb   |     |          | 3161         |          | 1722          | 17          | 51.5           | 9.4      | <u>13</u> | 33       |          |          |          | 1.8      |          | .7       | • 0       | <del></del>                                      | 1-           |                 | 9                  |
| ew Point   |     |          | 3040         |          | 1420          |             | 42.5           | 12 5     | 78        | 33       | 4.1      |          | •0       | 23.8     |          | •0       |           | <del> </del>                                     | -            | -               | 3                  |

### PSYCHROMETRIC SUMMARY

12911 STATION RANDOLPH AFB TEXAS/SAN ANTONIU 39-70,72-74 STATION NAME DAGE 1 1500-1700 HOURS (L. S. T.)

| Temp   | , T  | •••• |                                                  |       |              |             | WET           | BUL8 1           | TEMPER | RATURE      | DEPRE    | SSION        | (F)          |              |      |              | _         |         |                |               | TOTA          | L     | TOTAL    |          |              |
|--------|------|------|--------------------------------------------------|-------|--------------|-------------|---------------|------------------|--------|-------------|----------|--------------|--------------|--------------|------|--------------|-----------|---------|----------------|---------------|---------------|-------|----------|----------|--------------|
| (F)    |      | 0    | 1 - 2                                            | 3 - 4 | 5 . 6        | 7 - 8       |               |                  |        |             |          |              |              | 2 23         | . 24 | 25 -         | 26        | 27 - 28 | 29 -           | 30 ≥ 3        | 1 D.B. W      | .B. C | Dry Bulb | Wet Bulb | Dew Poirt    |
| 90/    | 89   |      | 1                                                |       | <del> </del> | $\neg \neg$ |               |                  |        | i           |          |              | i            | 1            |      |              | V         |         |                | 1             | 1             | 1     | 1        |          | İ            |
| 38/    | 87   |      | ĺ                                                | l i   | į            | - 1         |               |                  |        |             | l        |              |              |              | ن .  | ı            |           |         | -              | -             |               | 1     | 1        |          | !            |
| 847    | 83   |      | i                                                | 1     |              |             |               | •0               | .1     | •1          | .1       |              | X            | 1            |      |              | , 1       |         | 1              | $\neg$        |               | [3]   | 15       |          | i            |
| 82/    | 81   |      | 1                                                |       | ſ            | .0          | .0            | • 2              |        |             |          | . 1          | 1            | ال           | . 1  |              | O         |         |                |               |               | , a   | 30       |          | ļ            |
| 80/    | 79   |      | <del>                                     </del> | lI    |              | -:1         | ,1            | .5               | , 3    |             |          |              |              |              | • 2  |              | 0         |         | <del> </del>   | _             |               | 7     | - 47     |          |              |
| 78/    | 77   |      | İ                                                |       | . 1          | . 3         | 4             | . 0              |        |             |          |              |              | 1            | • 2  |              | i         |         |                |               | ,             | 14    | 95       |          |              |
| 76/    | 75   |      |                                                  | ٠ 1   |              | .6          | 1.0           | 7                | . 0    |             | .4       |              |              |              | ·ī   | <del> </del> | -         |         | <u>i — </u>    | _             | 1 .           | , 51  | 148      |          | <del> </del> |
| 74/    | 73   |      | )                                                | . 1   | . 4          | . 8         | 1.2           | 1.0              | .4     |             |          |              | 1            |              | .1   | }            | - }       |         | 1              | }             | , -           | 146   | 168      | 1        | Ì            |
| 72/    | 71   |      | .0                                               |       | . 5          | 1.0         | - 9           | $\overline{1.2}$ | .6     |             |          | .4           |              | 2 -          | •0   |              | -         |         | <del> </del> - | 1             | 2             |       | 219      | 13       | 1            |
| 70/    | 69   |      | 1                                                | ,4    | . 8          | 1.0         | 1.1           | .7               | 1.1    | 1.1         | .5       |              |              |              | ,0   | ŧ            | - 1       |         |                |               | 2             |       | 250      | 40       | i            |
| 68/    | 67   |      | -1                                               |       | 1.0          |             | 1.1           | • 7              | 1.1    | .5          | .7       | . 4          |              |              |      | 1            | -         |         | 1              |               | 2             |       | 211      | 99       |              |
| 66/    | 65   | . 1  | 1 -                                              | .5    | - 5          | . 7         | . 8           | . 8              |        |             |          | . 3          |              | .1           |      |              |           |         | 1              | -             |               | 7     | 227      | 152      |              |
| 64/    | 63   |      | -                                                |       | • 5          |             | • 7           | . 8              |        |             | 8,       | 1            |              | +            |      |              | $\dashv$  |         | †              | $\neg$        | 2             |       | 231      | 194      |              |
| 62/    | 61   | •0   |                                                  | .5    | , 7          | . 4         | . 6           |                  |        |             | 4        |              | 1            |              |      | 1            | - 1       |         |                |               | 1 20          |       | 208      | 191      | 126          |
| 60/    | 59   | • 2  |                                                  |       | . 6          |             | • 7           | 1.1              | 1.5    | <del></del> |          |              | <del> </del> | 1-           |      | 1            | 7         |         | 1              | $\neg$        | 2:            |       | 231      | 191      | 145          |
| 59/    | 57   |      |                                                  |       |              |             | 1.0           | 1.2              |        |             |          |              |              |              |      | ļ            | - 1       |         |                |               |               | 4     | 274      | 204      | _            |
| 56/    | 55   | • 1  |                                                  |       | . 4          |             | •7            | • 7              |        | +           |          | <del> </del> | 1            | ┪            |      | ╁            | $\neg$    |         | 1              |               | 10            |       | 146      | 233      |              |
| 54/    | 53   | . 2  |                                                  |       | . 6          |             | 1.1           | ģ                |        |             |          | 1            | 1            |              |      | 1            |           |         |                |               | 1 1           |       | 177      | 275      |              |
| 52/    | 51   | • 1  |                                                  |       | • 4          |             | • 5           | .6               |        |             | 1        |              |              | 1            |      | 1            | 7         |         | 1              | _             | 1:            |       | 137      | 221      |              |
| 50/    | 49   | . 2  |                                                  |       | . 5          | .7          | . 4           | .4               |        |             | 1        |              |              |              |      | 1            | - 1       |         |                | į             |               | 4     | 115      | 279      |              |
| 48/    | 471  | . 1  |                                                  |       | • 4          |             | .6            |                  |        |             |          | i            | 1            | <del> </del> |      | 1            | 寸         |         | $\vdash$       | 1             |               | 70    | 170      |          |              |
| 46/    | 45   | • 2  |                                                  | .4    | • 3          | . 2         | . 4           |                  |        |             | l        |              |              |              |      | ļ            | - 1       |         | 1              | 1             |               | 35    | ۶5       |          |              |
| 441    | 43   | . 2  |                                                  |       | • 4          | . 2         | • 5           | • 1              |        | 1           | 1        |              | <b>†</b>     | i            |      |              |           |         | 1              |               |               | 77    | 77       | 197      |              |
| 42/    | 41   | • 0  |                                                  |       | • 3          | . 2         | _ , 3         | • 0              |        | ł           | İ        |              |              |              |      |              |           |         |                |               |               | 186   | 56       |          |              |
| 49/    | 39   |      | .4                                               | .3    | •1           | •4          | •0            |                  |        |             |          |              |              | 1            |      |              | $\neg$    |         | 1              |               | 7             | 11    | 41       | 110      |              |
| 35.1   | 37   | (    |                                                  |       | • 2          | .1          | .1            | ŀ                | 1      | }           | ì        | 1            | 1            | 1            |      | 1            | - 1       |         | 1              | - )           |               | 28    | 28       |          |              |
| 36/    | 35   |      |                                                  |       | •1           | . 1         |               |                  |        |             | <u> </u> |              | 1            | 7-           |      | ;            |           |         | Τ-             | 7 7           |               | 6     | 16       |          |              |
| 34/    | 33   |      |                                                  |       | . 1          | .0          | •0            |                  |        |             |          | İ            | I            |              |      |              |           |         |                |               |               | 12    | 12       | 44       | 153          |
| 727    | 31   |      | T.1                                              | . 0   |              |             |               |                  |        |             | T        |              | T            | $\top$       |      | ī            | ヿ         |         | Т              |               | _             | 3     | 3        | 33       | 174          |
| 201    | 29   |      | 1                                                |       |              |             |               |                  |        |             | Ì        |              |              |              |      |              | J         |         |                |               |               | - 1   | ļ        | 9        |              |
| 25/    | 27   |      | 1                                                |       |              |             |               |                  |        | T           |          |              | T            | 7            |      | Ī            | $\exists$ |         | 1              |               | $\neg$        | 3     | 3        | 17       | 96           |
| 26/    | 25   |      |                                                  | ļ     |              |             |               |                  |        | ļ           |          | Į<br>į       |              |              |      | ļ            | -         |         |                |               |               |       | ļ        | 1        | 113          |
| 24/    | 20   |      | 1                                                |       |              |             |               |                  |        | T           |          | 1            | T            | $\top$       |      | 1            | _         |         | 1              | $\neg \vdash$ | _1            |       |          | i        | 94           |
| :21    | 21   |      | _                                                | 1     |              |             |               |                  |        |             |          |              |              |              |      |              | ļ         |         | ļ              | ļ             |               |       |          |          | 59           |
| Elemen |      | Ξx'  |                                                  |       | ZX           |             |               | X                | •,     |             | No. 01   | 3.           |              |              |      |              |           | Meon    | No. 01         | Hours         | with Temp     | erati | vie      |          |              |
| Rel. H | ım.  |      |                                                  |       |              |             | $\neg \vdash$ |                  |        |             |          |              | 1 (          | F            | 7.7  | ≤ 32 1       | F         | ≥ 6     | 7 F            | ≥ 73 l        | ≥ 80          | F     | ≥ 93 F   | F        | Total        |
| Cry Bu | 1b   |      |                                                  |       |              |             | $\neg$        |                  |        |             |          |              |              |              | 7    |              | 寸         |         |                |               |               |       | T        |          |              |
| Wet .u | 15   |      |                                                  |       |              |             | $\neg$        |                  | ļ      |             |          |              |              |              | 1    |              | ╗         |         | _              |               | $\neg   \neg$ |       | 1        |          |              |
| Dew D  | oint |      |                                                  |       |              |             |               |                  |        | 按 -         |          |              |              |              | _    |              | _         |         | $\dashv$       |               |               |       | 1        |          |              |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-3 (OL A)

### **PSYCHROMETRIC SUMMARY**

RANDOLPH AFE TEXAS/SAN ANTONIO 1507-1770 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 25 | 27 - 28 | 29 - 30 | 21 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 20/ 19 18/ 17 52 16/ 15 29 11 12/ 11 10/ 8/ 4 4/ -2/ -3 TOTAL 1.7 8.7 8.0 9.4 11. 114. 3 13.6 13.2 9.6 5.3 3342 3343 3342 3342 Element (X) No. Obs. Mean No. of Hours with Temperature 175834 2.621.495 61.810.642 51.9 9.077 42.213.268 10794868 3342 3348 ≥ 32 F ≥67 F ≥ 73 F × 80 F ≥ 93 F Rel. Hum. 207021 15.7 Dry Bulb 13180047 • 2 34.7 9276999 6531230 173435 140932 3342 3342 Wet Bulb 93 1.5 93 Dew Point 24.4

38-70,72-74

ARE OBSOLETE ö 7

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RANDOLPH AFB TEXAS/SAN ANTONIU

12911

### PSYCHROMETRIC SUMMARY

JFC.

STATION NAME 18(1.0-201) HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 80/ 79 78/ 77 • 0 76/ 75 16 16 •1 • 1 • 1 74/ 73 72/ 71 37 38 •0 . 1 70/ 69 .3 122 123 . 6 68/ 67 1.2 1.1 106 145 57 26 66/ 1.3 206 216 49 64/ 63 .8 195 190 67 113 1.0 . 2 62/ 61 210 174 160 278 39 • 1 149 1.6 • 2 58/ 57 56/ 55 143 251 252 1.3 270 145 260 205 54/ 53 1.0 1.0 249 250 180 212 52/ 51 1.3 1.3 237 239 169 1.2 • 6 1.6 . 8 .0 236 154 1.3 • 9 50/ 49 245 246 266 48/ 47 . 9 . 8 1.3 197 197 243 174 1.4 46/ 45 150 15 278 162 441 43 •2 114 114 268 160 42/ 41 177 40/ 39 81 177 91 210 . 5 • 6 38/ 37 5 138 137 . 3 36/ 35 34 100 • 1 34 164 3≙ 34/ 33 71 153 32/ 31 . 1 • l 9 53 195 • 1 135 30/ 28/ 27 15 171 25 23 31 24/ 81 59 22/ 21 20/ 19 45 18/ 17 39 16/ 15 31 14/ 13 Σχi No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≤ 32 F **±0F** ≥ 67 F ≥ 73 F 7 80 F ≥ 9° F Total Dry Bu Wet Bulb Dew Point

0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FORM 0-26-3 (OL. A) PREVIOUS DITTIONS OF THIS FORM ARE OBSOLETE

RANDOLPH AFB TEXAS/SAN ANTONIO
STATION NAME

## **PSYCHROMETRIC SUMMARY**

|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          | PAC                                              | E 2                                              | 1800<br>HOURS | -2000    |
|-----------------|-----|-------|-------------|--------------------------------------------------|-------|--------|----------|---------|----------------|---------|----------|---------------|---------|--------------------------------------------------|---------|----------|----------|--------------------------------------------------|--------------------------------------------------|---------------|----------|
| Temp.           |     | ,     | ,           |                                                  | ,     |        |          | TEMPER  |                |         |          |               |         |                                                  | ,       |          |          | TOTAL                                            |                                                  | TOTAL         |          |
| (F)             | 0   | 1 - 2 | 3 - 4       | 5 - 6                                            | 7 - 8 | 9 - 10 | 11 - 12  | 13 - 14 | 15 - 16        | 17 - 18 | 19 - 20  | 21 - 22       | 23 - 24 | 25 - 26                                          | 27 - 28 | 29 - 30  | ≥ 31     | D.B. W.B.                                        | Dry Bulb                                         | Wet Bulb      | Dew Poin |
| 12/ 11<br>10/ 9 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          | İ        |                                                  |                                                  |               | 12       |
| 8/ 7<br>6/ 5    |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               | 2        |
| -6/ -7<br>TOTAL | 2.8 | 14.5  | 16.5        | 18.7                                             | 18.0  | 14.1   | 8.4      | 4.1     | 1.9            | .7      | .4       | .0            |         |                                                  |         |          |          |                                                  | 3344                                             |               | 3335     |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          | 3335                                             |                                                  | 3335          |          |
|                 | -   |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          | ٠.      |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       | ļ — -  |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          | <del>                                     </del> |                                                  |               |          |
| ,               |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             | <del> </del>                                     |       |        |          | <br>    |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         |                                                  |         |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         |          |               |         | <del>                                     </del> | ļ —     |          |          |                                                  |                                                  |               |          |
|                 |     |       |             |                                                  |       |        |          |         |                |         | <u> </u> |               |         | 1                                                |         |          |          | 1                                                | <del>                                     </del> | †             |          |
| Flement (X)     |     | Σχ²   | <del></del> | <del>                                     </del> | ZX    |        | <u> </u> | ₹ ×     | <del>'  </del> | No. O   | bs.      | <del></del> - | <u></u> | <del></del>                                      | Mean    | No. of H | ours wit | h Tempera                                        | ture                                             |               | 1        |
| Rel. Hum.       |     |       | 0067        |                                                  | 2118  | 91     | 63.5     | 19.9    | 54             |         | 35       | ± 0           | F       | ≤ 32 F                                           | ≥ 67    | F        | ≥ 73 F   | ≥ 80 F                                           | ≥ 93                                             | F             | Total    |
| Dry Bulb        | i.  | 1056  | 8644        |                                                  | 1853  | 68     | 55,5     | 9.3     | 29             | 33      | 44       |               |         | .6                                               |         | •0       | 1.7      | 7                                                |                                                  |               | 93       |
| Wet Bulb        |     |       | 7676        |                                                  | 1633  | 94     | 49.0     | 9.2     | 03             |         | 35       |               |         | 3 • 2                                            | 2       | • 1      |          |                                                  |                                                  |               | 93       |
| Dew Point       | I   | 644   | 8691        | T T                                              | 1403  | 1 2    | 42.      | 12.7    | 80             | 32      | 125      |               | -0      | 23.6                                             |         | . 0      |          | 1                                                |                                                  |               | 93       |

### PSYCHROMETRIC SUMMARY

12911 RANDOLPH AFB TEXAS/SAN ANTONIU 38-74 DEC STATION NAME 2100-2300 PAGE 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 17 | 13 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 76/ 75 1 74/ 73 72/ .7 17 17 71 70/ 69 57 •3 , 1 68/ 67 1.1 111 104 25 80 57 66/ 65 1.4 123 125 1.7 137 105 64/ 63 1 62/ 61 1.0 129 154 123 114 194 179 96 1.5 194 60/ 59 <u> 2^1</u> 58/ 57 210 210 122 56/ 1.8 55 2.0 269 269 139 251 253 54/ 53 155 52/ 51 50/ 49 232 231 205 154 1.2 .4 175 • 0 287 260 1.5 2.0 272 48/ 47 1.4 2.2 •2 272 200 172 272 272 154 46/ 45 1.8 218 171 294 44/ 43 1.4 191 . 9 1.5 42/ 41 1.4 161 141 291 156 40/ 39 259 203 1.0 1.3 127 139 37 . 8 111 222 166 38/ 111 36/ 35 63 156 184 65 34/ 33 53 107 192 24 24 76 189 32/ 31 • 2 30/ 29 28/ 27 18 49 134 .1 15 39 113 10 126 •0 24/ 23 71 83 22/ 21 74 20/ 10 18/ 17 ن 3 16/ 15 23 14/ 13 15 12/ 11 10/ Element (X) X Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb Wet Bulb Dew Point

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ₹ 0-26-3 (OL

RANDOLPH AFE TEXAS/SAN ANTONIO

## PSYCHROMETRIC SUMMARY

|                |     |             |              |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          | РДБ                                              | t 2      | HOURS (  | -2300    |
|----------------|-----|-------------|--------------|----------|----------------|--------------|------------|----------|----------------|----------|--------------|----------|------------|----------|----------|------------|----------|----------|--------------------------------------------------|----------|----------|----------|
| Temp.          |     |             |              |          |                |              | WET        | BULB     | TEMPE          | RATURE   | DEPRE        | SSION    | F)         |          |          |            |          |          | TOTAL                                            |          | TOTAL    |          |
| (F)            | Ī   | 0           | 1 - 2        | 3 - 4    | 5 - 6          | 7 - 8        | 9 - 10     | 11 - 12  | 13 - 14        | 15 - 16  | 17 - 18      | 19 - 20  | 21 - 22    | 23 - 24  | 25 - 26  | 27 - 28    | 29 - 30  | ≥ 31     | D.B. W.B.                                        | Dry Bulb | Wet Bulb | Dew Poin |
| 8/<br>6/<br>4/ | 7 5 |             |              |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          |                                                  |          |          | 2 2      |
| TOTAL          | 3   | 4.          | 725.3        | 26.9     | 18.3           | 14.2         | 6.4        | 2.4      | 1.3            | .3       | . 1          | .0       |            |          | 1        |            |          |          |                                                  | 3343     |          | 3328     |
|                |     |             |              |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          | ب <del>ُ</del> 32وز                              |          | 3328     |          |
|                |     |             | <u> </u>     |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          |                                                  |          |          |          |
|                | 4   |             | -            |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          |                                                  | <u> </u> |          |          |
|                |     |             | -            |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          |                                                  |          |          |          |
|                |     |             |              |          |                |              |            |          |                | <u> </u> | <u> </u>     |          |            |          |          |            |          |          |                                                  | ļ        |          | -        |
|                |     |             | -            |          | <u> </u>       |              |            |          |                |          |              |          |            | -        |          | <br>       |          | <u> </u> |                                                  |          |          |          |
|                |     |             | 1            |          |                |              |            |          | <u> </u>       |          | <del> </del> | <u> </u> | ļ <u>.</u> |          |          |            | !        |          |                                                  |          |          |          |
|                |     |             |              |          |                | <del> </del> |            |          | <del> </del> - |          |              |          |            |          |          | l          |          |          | <del>                                     </del> |          | <br>     |          |
|                |     |             |              |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          |                                                  |          |          |          |
|                |     |             |              |          |                |              |            |          |                |          |              |          |            |          |          |            |          |          |                                                  |          |          |          |
|                |     |             |              |          |                |              |            |          |                |          |              | ļ        |            |          |          |            |          |          |                                                  |          |          |          |
|                |     |             |              |          |                |              |            | <u> </u> |                | <u> </u> |              |          |            |          | ļ        |            |          |          | ļ<br>                                            |          |          |          |
|                |     |             | <del> </del> |          |                |              | ļ <u>.</u> |          |                | <u> </u> | ļ            |          |            |          | <u> </u> |            |          |          |                                                  | <br>     | ļ        | <u> </u> |
| Element        | (X) |             | Z X'         | <u> </u> | <del> </del> - | EX           | <u> </u>   | Ļ        | σ,             |          | No. 0        | bs.      | !          | <u> </u> |          | Mean I     | No. of H | ours wit | h Tempora                                        | ture     |          | <u></u>  |
| Rel. Hum       |     |             |              | 6785     |                | 2382         | 45         | 71.6     |                |          |              | 28       | ± 0        | F        | ≤ 32 F   | e 67       |          | 73 F     | 2 80 F                                           | ≥ 93     | F        | Total    |
| Dry Bulb       |     |             | 909          | 0789     | 1              | 1715         | 41         | 51.2     | 9.2            | 90       |              | 4.3      |            |          | 1.8      |            | •3       | • 1      |                                                  |          |          | 93       |
| Wet Bull       |     | <del></del> |              | 2058     |                | 1558         | 28         | 46.8     | 9.             | 741      |              | 28       |            | 一        | 5,5      |            | • 01     |          | 1                                                |          |          | 93       |
| Dew Poi        | nt  | i           |              | 7801     |                | 1 386        | 31         | 41.7     | 112            | 75       | <del></del>  | 28       |            |          | 24.1     | — <b>~</b> | .9       |          | <del>                                     </del> |          | _        | 93       |

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OSAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## **MEANS AND STANDARD DEVIATIONS**

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

| 13911        | RA          | ADOĻBĂ | ARB TE | XASASA     | N ANTO | NIĢ   | 38-7  | 5             |          |               |       |               |         |                |
|--------------|-------------|--------|--------|------------|--------|-------|-------|---------------|----------|---------------|-------|---------------|---------|----------------|
| STATION      |             |        | ST.    | ATION NAME |        |       |       |               |          | YEARS         | •     |               | -       |                |
| HRS (L S.T.) |             | JAN    | FEB    | MAR.       | APR.   | MAY   | JUN   | JUL           | AUG      | SEP           | OCT   | NOV           | DEC     | ANNUAL         |
|              | MEAN        | 46.6   |        | 55,5       | -63.2  | 69.1  | 74.5  | 76,7          | 76.8     | 72.6          | 64.6  | 54.9          |         |                |
| 00-02        | S D         | 11.088 |        | 9.412      | 7.671  |       | 3,919 | 2.780         | 3.280    | 5.339         |       |               | 9.778   | 13.24          |
|              | TOTAL OBS   | 3417   | 3053   | 3243       | 3307   | 3422  | 3273  | 3388          | 3329     |               | 3425  |               | 3335    | 3973           |
|              | MEAN        | 45.1   | 48.2   | 53.6       | 61.6   | 67.5  | 73.0  | 74.9          | 74.8     | 70.7          | 62.6  | 53.3          | 47.6    | 4.             |
| 03-05        | \$ D        | 11.411 |        |            | 8.393  |       | 4.114 | 2-504         | 3.138    | 5.420         |       | 10.472        |         | 61.<br>13.41   |
|              | TOTAL OBS   | 3423   |        |            | 3301   |       | 3269  | 3386          | 3330     |               | 3425  |               | 3337    | 3973           |
|              | MEAN        | 44.4   | 47.5   | 53.6       | 62.3   | 69.1  | 75.9  | 76.5          | 76.1     | 7, 7          | 43.1  | 20.0          | 49.0    |                |
| 06-08        | \$ D        | 11.586 | 10.321 | 10.219     | 8-180  | 5.712 | 4.226 |               |          | 71.7<br>5.777 |       |               |         | 61.            |
| 77,73        | TOTAL OBS   |        | 3054   |            |        | 3436  | 3325  | 3449          | 3398     |               |       |               |         | 14.179<br>3993 |
|              |             |        | - 7    |            |        |       |       |               |          |               |       |               |         |                |
|              | MEAN        | 50.2   |        | 61.0       | 49.4   |       | 82.1  | 84.6          | 84.6     | 80.1          | 72.4  | 60.9          | 53,8    | 69.            |
| 09-11        |             | 11.422 | 10,014 |            |        |       | 4,475 |               | 4.259    | 5.885         | 7.426 | 9.564         | 9 . 848 | 14,49          |
|              | TOTAL OBS   | 13423  | 3053   | 3244       | -3308  | 3449  | 3364  | 3478          | 3428     | 3225          | 3417  | 3317          | 3344    | <u>40050</u>   |
|              | MEAN        | 57.0   | 60.8   |            | 75.7   | 81.9  | 87.8  | 90.8          | 91.0     | 85.8          | 76.6  | 67.3          | 60.6    | 75.6           |
| 12-14        | \$ D        | 12:281 | 11.057 |            |        | 6,353 | 5,165 | 4.491         |          |               |       | 10.185        |         | 14.59          |
| _            | TOTAL OBS   | 3418   | 3051   | 3238       | 3305   | 3450  | 3359  | 3484          | 3427     | 3231          | 3418  |               |         | 40044          |
|              | MEAN        | 59.1   | 63.1   | 7045       | 77.6   | 83.5  | 89.3  | 92.6          | 92.7     | 86.8          | 79.5  |               | 44 0    |                |
| 15-17        | S D         | 12.706 |        |            | 8.298  | 62744 | 6.016 | R. 525        | 6.110    | 6.024         | 7.870 | 68.2          | 61.8    | 77.            |
| 7            | TOTAL OBS   | 3431   | 3046   | 3246       | 3304   | 3455  | 3359  | 3484          | 3423     | 3230          | 3419  | 3319          | 3348    | 4006           |
|              | MEAN        | E2: 4  | 29.9   | 44.0       | 17000  |       |       |               | A 25 : 5 |               |       |               |         |                |
| 18420        | S D         | 11.258 | 57.7   |            | 7222   |       |       |               | 87-3     | 80.9          |       |               | 55.5    | 71.            |
|              | TOTAL OBS   |        |        | 3246       | 3290   |       | 3274  | 51758<br>3382 |          | 3227          |       | 9.351<br>3314 |         | 14.550<br>3972 |
|              |             |        |        | ,          |        |       |       |               |          |               |       |               |         |                |
| 21+23        | MEAN<br>S D |        | .52.7  |            | 66.3   |       | 77.9  | 80,8          | 80.6     | 75.3          | 67.4  |               | 51.3    | 55.9           |
| 44264        | TOTAL OBS   | 10.746 | 3050   |            | 6.727  |       | 4.260 | 3.930         | 7.403    |               |       | 9.455         |         | 13,504         |
|              |             | 5.10   | 2000   | 2577       | 3873   | 34.75 | 2612  | 3301          | 3337     | 3232          | 3429  | 3320          | 3343    | 29745          |
| ALL          | MEAN        | .50.6  | 54.2   | 6017       | 168.5  | 74.8  | 90.5  | 83,1          | 83.0     | 78.0          | 70.1  | 5985          | 53.4    | 56.2           |
| HOURS        | S D         | 12:650 | 11.697 | 11.673     | 92732  | 8.234 | 7.604 | 7.656         | 8.006    | 8.462         | 9.943 | 11.414        | 11.316  | 15.265         |
|              | TOTAL OBS   | 27382  | 24406  | 25947      | 26412  | 27467 | 26498 | 27438         | 27011    | 25827         | 27373 | 26530         | 26735   | 319026         |

USAF ETAC FORM 0-89-5 (OL 1)

## **MEANS AND STANDARD DEVIATIONS**

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

| 12911   | RANDOURH AFB TEXASASAN ANTONTO | 38-75 |
|---------|--------------------------------|-------|
|         |                                |       |
| STATION | STATION NAME                   |       |

| • •              |                           |                         |                |                |                        |                        |               |                        |       |               |                       |                        | _                       |                       |
|------------------|---------------------------|-------------------------|----------------|----------------|------------------------|------------------------|---------------|------------------------|-------|---------------|-----------------------|------------------------|-------------------------|-----------------------|
| STATION          |                           |                         | STA            | TION NAME      |                        |                        |               |                        |       | YEARS         |                       |                        |                         |                       |
| IRS. (L S T.)    |                           | JAN.                    | FEB            | MAR            | APR.                   | MAY                    | JUN.          | JUL                    | AUG.  | SEP           | OCT                   | NOV                    | DEC                     | ANNUAL                |
| 00+02            | MEAN<br>S D               | 43.2                    |                |                |                        |                        |               |                        |       |               | 60.51<br>8.7371       |                        | 45.5<br>10.282          | 58.<br>13.30          |
|                  | TOTAL OBS                 | 3401                    |                |                | 3306                   |                        |               | 3386                   | 3322  | 3220          |                       | 3903                   | 3327                    | 3966                  |
| 03+05            | MEAN<br>S D<br>TOTAL OBS  | 42.3<br>11.834<br>3405  | 10.703         | 10.893         | 9:275                  |                        | 3,973         | 2.355                  | 3.192 | 6.410         | 9.2421                | 49.9<br>1.214<br>3360  | 10.692                  | 58,<br>13,74<br>3965  |
| 06-08            | MEAN<br>S D<br>TOTAL CBS  | 41.7<br>12.022<br>3409  | 10.795         |                | 9,121                  | 6.053                  | 3.707         | 2.308                  | 3.108 | 6.361         | 9.261                 |                        | 10.855                  | 58.<br>14.18<br>3984  |
| 09-11            | MEAN<br>S D<br>TOTAL OBS  | .45.4<br>11.253<br>3404 | 9.839          | 9.801          | 7.884                  |                        | 3.056         | 1.741                  | 2.251 | 5.199         | 7.789                 | 9.947                  | 9.960                   | 61.<br>12.89<br>3998  |
| <u>13914</u>     | MEAN<br>S D<br>TOTAL OBS  | 48.9<br>10.746<br>3404  | 9.378          | 9.098          | 7,339                  | 5.022                  | 2,999         |                        |       | 4.792         | 65.4<br>7.054<br>3411 |                        | 9.413                   | 63.<br>11.71<br>3999  |
| <u>15-17</u>     | MEAN<br>S D<br>TOTAL OBS  | 49.7<br>10.483<br>3424  | 9.177          | 8.751          | 7.136                  | 6947<br>44885<br>3451  | 3,127         | 73;9<br>1,930<br>3482  | 2,333 | 4,653         | 6.741                 | 56;7<br>9.038<br>3316  | 51.9<br>9.097<br>3342   | 63.<br>11.33<br>4002  |
| že÷šo            | MEAN<br>S D<br>TOTAL OBS  | 47.1<br>10.515<br>3413  | 9.275          | 9.038          |                        | 3.046                  | 3.259         | 2,099                  |       | 5.125         | 7.292                 | 54.0<br>9.435<br>3310  | 9.203                   | 61.<br>12.01<br>3968  |
| \$\$# <b>3</b> 3 | MEAN<br>S. D<br>TOTAL OBS | .44.7<br>10.938<br>3405 | 9.879          | 9.069          | 87035                  | 66.8<br>5.360<br>3408  | 3 347         | 72,4<br>2,117<br>3385  | 2.741 | 3/779         | 8.1801                | 0.151                  | 9.741                   | 12.75                 |
| ALL<br>HOURS     | MEAN<br>S D<br>TOTAL OBS  | 45-4<br>11-509          | 48.2<br>10.297 | 33,4<br>10,200 | 9111<br>86451<br>26465 | 67.4<br>5.753<br>27651 | 72.0<br>3.599 | 73.0<br>2.286<br>27415 | 7.2 ? | 69.5<br>5.767 | 3.400<br>27321        | 53.0<br>0.488<br>26462 | 47.7<br>10.314<br>25657 | 60.<br>12.93<br>31994 |

USAF ETAC FORM 0-89-5 (OL 1)

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### **MEANS AND STANDARD DEVIATIONS**

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION STATION AND STATION NAME

YEARS

| HRS. (L.S .) | -         | JAN.           | FEB                                     | MAR.   | APR    | MAY     | NUL    | JUL.  | AUG   | SEP   | OCT      | NOV      | DEC    | ANNUAL |
|--------------|-----------|----------------|-----------------------------------------|--------|--------|---------|--------|-------|-------|-------|----------|----------|--------|--------|
|              | MEAN:     | 38.7           | 41.9                                    | 46.7   | 56.0   | 63.7    | 69.0   | 69.7  | 69.4  | 66.0  | 57.5     | 47.1     | 41.2   | 55.7   |
| 00-02        | SD        | 14-321         | 13.258                                  | 13.572 | 11.358 | 7.067   | 4.208  | 2.701 | 3,832 | 7.516 | 10.959   | 13.588   | 12.921 | 15.506 |
|              | OTAL OBS  | 3401           | 3050                                    | 3243   | 3305   |         |        |       |       |       |          |          |        | 39660  |
|              | MEAN      | 20 3           | .41.1                                   | 46.0   | 55.4   | 63.3    | (0.0   | 70.1  | 69.7  | 65.7  | 56.9     | 46.4     | 40.6   | 55.3   |
|              |           |                | (                                       |        |        | 7 7 7 7 |        |       |       |       |          |          | 13.118 | 15.831 |
| 0305         | TOTAL ORS | 244489<br>3405 | 3054                                    |        |        |         |        |       |       |       |          |          |        | 39655  |
|              |           |                |                                         |        |        |         |        |       |       |       |          |          |        |        |
| ĺ .          | MEAN      | 37.8           | 40.6                                    | 45.9   | 55.7   | 63.8    | 69.5   |       |       |       |          | 44.2     |        | 55.5   |
| 106-08       | SD        | 14.665         |                                         |        |        |         | 4. 235 | 2.737 | 3.741 | 7.705 | 11.338   | 13.774   |        | 16.174 |
|              | TOTAL OBS | 3409           | 3052                                    | 3237   | 3303   | 3435    | 3322   | 3446  | 3391  | 3213  | 3410     | 3296     | 3323   | 39837  |
|              | INEAN     | 19.4           | -42.2                                   | 67.1   | -56-2  | 63.9    | 68.7   | 69.4  | 69.3  | 66.3  | 58.4     | 47.7     | 42.0   | 56.1   |
| 09-11        | 3 D       | 14.649         |                                         |        |        | 7.270   | 4.074  | 2.785 | 3.554 |       |          |          |        | 15.453 |
|              | TOTAL OBS |                | 3053                                    |        | 3308   | 3447    |        |       |       |       |          |          |        | 39991  |
|              |           |                | لــــــــــــــــــــــــــــــــــــــ |        |        |         |        |       |       | · .   | <u> </u> | <u> </u> |        |        |
|              | MEAN      | 40.2           |                                         | 45,8   | .55,8  |         |        |       | 66.5  |       |          |          |        | 55.2   |
| 12-14        | S D       | 11,534         | 13.635                                  | 13.963 | 12.064 |         | 4,541  | 3.618 | 4.161 | 7,371 | 11.021   | 13.715   |        | 14,780 |
|              | TOTAL OBS | 3403           | 3049                                    | 3230   | 3304   | 3449    | 3356   | 3478  | 3427  | 3228  | 3411     | 3313     | 3341   | 39997  |
| <u> </u>     | MEAN      | 39.9           | 41.6                                    | 46.2   | 55.3   | 62.6    | -66-4  | 65,5  | 65.0  | 63.5  | 56.2     | 46.5     | 42.2   | 54.4   |
| 18. 19       | S D       | 144369         |                                         | 2 744  | 12.132 |         | 5.036  |       |       |       |          |          |        | 14.605 |
| 15:17        | TOTAL OBS | 3424           |                                         |        | 3303   |         |        | 3484  |       |       |          |          | 3342   | 40031  |
|              |           | 7              |                                         |        |        |         |        |       |       |       |          |          |        |        |
|              | MEAN      | 39.8           | 41.7                                    | .464   | 5575   | .6279   | 67:2   | 66.7  | 66.0  | 64.2  | 56.9     | 47.1     | 42.1   | 54.8   |
| 18-20        | 5 D       | 24.051         |                                         | 13.541 |        |         | 4.842  | 4.198 | 4.954 |       | 10.635   | 13.173   | 12.789 | 14.681 |
|              | TOTAL OBS |                | 3042                                    |        | 3291   |         |        |       |       |       |          | 3310     |        | 39683  |
|              |           |                |                                         |        |        |         |        |       |       |       |          |          |        |        |
| _            | MEAN      | 39.3           |                                         | 47.0   | 56.2   |         |        |       |       |       |          |          |        | 55.5   |
| 21933        |           | 14.104         |                                         |        |        |         | 4.307  |       |       |       | 10.786   |          |        | 15,119 |
|              | TOTAL OBS | 3404           | 3048                                    | 3380   | 3292   | 3408    | 3275   | 3385  | 3333  | 3226  | 3428     | 3314     | 3228   | 39691  |
|              | MEAN      | 39.2           | 41.7                                    | 4655   | ,55.8  | 63.4    | 68.2   | 68,5  | 68.1  | 65.2  | 57.2     | 47.0     | 41.6   | 55.3   |
| ALL          | S D       | 146419         |                                         |        |        |         |        |       |       |       |          |          | 1 777  | 15.285 |
| HOURS        | TOTAL OBS |                |                                         |        | 26405  |         |        |       |       |       |          |          |        | 318545 |

USAF ETAC (CL 1)

DATA FYECESUT 3 5% UP ETAC/ESAF AIP BEATMER SERVICE/ AC

### **RELATIVE HUMIDITY**

12911 RAILTEPH AFB TEXAS/SA ANTONIL

20-75

ALL

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

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USAFETAC FOUL 0-87-5 (OL A)

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN MEAN TOTAL **HOURS** RELATIVE NO OF MONTH (L S T.) 10% 20% 30% 70% 80% 90% 150.0 98.9 94.3 d4.3 76.1 54.4 27.6 20.1 68.7 27263 51.5 146 ALL 72.0 67.2 24394 FES 170.0 97.8 91.0 03.5 61.5 49.9 37.0 19.1 12.5 64.2 25942 100.0 97.2 90.3 01.7 59.5 57.3 45.1 31.9 MAR 9.9 98.1 93.7 64.5 37.1 67.9 26404 APA 76.4 52.2 13.7 05.1 99.7 97.9 93.2 93.1 69.8 55.7 39.3 11.5 70.5 27450 MAY 120.0 170.0 26478 99.0 6.5 100.0 93.0 35.5 69.2 JU 80.8 66.1 51.9 97.3 27.9 5.5 54.9 27413 Jil 100.0 99.9 36.6 72.5 58.7 44.4 100.0 99,9 96.2 84.4 71.1 57.8 44.4 28.4 7.3 54.6 26978 ALG SEP 99.3 97.2 39.5 77.5 63.8 50.2 34.3 11.6 68.2 25772 106.0 27320 99.3 35.2 13.4 67.3 CCT 100.0 94.9 05.8 75.3 62.1 49.1 66.9 26461 94.2 35.5 74.5 33.8 14.4 NEV 100.0 99.0 61.7 48.5 35.2 100.0 94.0 76.4 49.9 68.1 27301 DEC 99.1 86.9 63,8 17.3 TOTALS 100.0 99.1 95.1 86.9 75.5 62.6 49.4 34.4 12.5 67.3 319176

(FROM HOURLY OBSERVATIONS)

DATA ANDCOST PRANCOR FINCHOSHF AIR FERTIFF STRATCLAR

## **RELATIVE HUMIDITY**

12911 REPORTED AFE TEXAS/SA & ANTENTO

39-75 PERIOD JA\*. MONTH

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERV ATIONS)

|       | HOURS          |       |       | PERCENTAGI | E FREQUENCY | OF RELATIVE  | HUMIDITY G | REATER THAN |          |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|----------------|-------|-------|------------|-------------|--------------|------------|-------------|----------|------|------------------|----------------|
| HINOM | (LST)          | 10%   | 20%   | 3′ %       | 40%         | 50%          | 60%        | 70%         | 80%      | 90%  | HUMIDITY         | OBS.           |
| بذل   | 05-62          | 110.0 | 99.9  | 99.3       | 35.2        | 27.3         | 77.4       | 64.9        | 49.9     | 27.5 | 76.~             | 34(1           |
|       | 03 <b>-</b> 03 | 1.6.5 | 99.9  | 99.5       | 96.7        | 90.9         | 61.7       | 69.8        | 54.6     | 32.0 | 78.5             | 3405           |
|       | nu=08          | 1.0.0 | 100.2 | 99.5       | 77.9        | 02.1         | 02.0       | 70.0        | 55.8     | 33.0 | 79.0             | 340            |
|       | 07-11          | 130.0 | 99.7  | 95.5       | 87.8        | 76.9         | 64.8       | 51.9        | 39.6     | 20.1 | 69.4             | 3404           |
|       | 12-14          | 1(0.0 | 97,7  | 85.9       | 72.9        | 56.8         | 45.5       | 32.2        | 20.0     | 9.1  | 57.9             | 3403           |
|       | 15-17          | 99.9  | y5.   | 31.2       | 65.9        | 52.5         | 39.3       | 25.4        | 15.4     | 7,3  | 53.8             | 3424           |
|       | 15-20          | 10.0  | 99.3  | 93.4       | 81.8        | 69.1         | 55.2       | 41.3        | 25.4     | 12.3 | 63.5             | 341            |
|       | 21-23          | 100.0 | 99.7  | 98.7       | 91.9        | P1.1         | 59.5       | 56.7        | 40.4     | 19.7 | 71.5             | 340            |
|       |                | 1     |       |            |             | <del> </del> |            |             |          |      |                  |                |
|       |                |       |       |            |             |              |            |             | <u> </u> |      |                  |                |
|       | TALS           | 170.0 | 98.9  | 94.3       | 85.3        | 76.1         | 64.4       | 51.5        | 37.6     | 20.1 | 68.7             | 2720           |

USAFETAC 0-87-5 (OL A)

DATA PRICESTI PIRATION ETACYUSAF AIR MEATHER SERVICE/ AC

### **RELATIVE HUMIDITY**

12911 RA UTILPH AFE TEXAS/SAS ASTEMIC

29-75

PERIOD

FEB

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MONTH

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|             | HOURS   |       |      | PERCENTAG | E FREQUENCY | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN     | TOTAL         |
|-------------|---------|-------|------|-----------|-------------|---------------|------------|-------------|------|------|----------|---------------|
| МОМТН       | (L S T) | 10%   | 20%  | 30%       | 40 %        | 50%           | 60%        | 70%         | 80%  | 90%  | RELATIVE | NO OF<br>OBS. |
| FEC         | 05-02   | 100.0 | 99.3 | 98.0      | 94.2        | 80.8          | 77.0       | 55.7        | 50.6 | 26.5 | 75.9     | 3057          |
|             | 23-65   | 100.0 | 99.3 | 98.9      | 96.5        | 89.7          | 81.1       | 70.2        | 54.9 | 31.5 | 78.3     | 3054          |
| <u>.</u>    | 05-68   | 150.0 | 99.7 | 78.9      | 95.3        | 90.9          | 81.7       | 70.3        | 56.5 | 33.4 | 78.9     | 3052          |
|             | 09-11   | 100.0 | 99,0 | 94.1      | 65.6        | 74.3          | 62.5       | 51.6        | 37.1 | 18.2 | 69.1     | 3052          |
|             | 12-14   | 99.8  | 95.1 | 32.8      | 69,3        | 54.5          | 41.1       | 28.6        | 12.7 | 8.9  | 55.6     | 3049          |
|             | 15-17   | 79.8  | 91.6 | 75.4      | 60.4        | 45.7          | 33.7       | 23.5        | 15.5 | 6.9  | 50.9     | 3046          |
|             | 1:-20   | 100.0 | 98.0 | 86.7      | 75.5        | 51.2          | 48.3       | 34.9        | 23.2 | 10.3 | 59.7     | 3042          |
| <del></del> | 21-23   | 100.0 | 99.6 | 96.9      | 29.5        | 79.1          | 67.2       | 54.6        | 39.9 | 17.0 | 70.1     | 3048          |
| <del></del> |         |       |      |           |             |               |            |             |      |      |          |               |
|             |         |       |      |           |             |               |            |             |      |      |          |               |
| 10          | TALS    | 100.0 | 97.8 | 91.8      | 83.0        | 72.8          | 61.6       | 49.9        | 37.0 | 19.1 | 57.2     | 24394         |

USAFETAC 0-87-5 (OL A) DATA PROCESUI FOR LOS AIR MEATMER SERVICE! AC

### **RELATIVE HUMIDITY**

12911 STATION RANDOLPH AFE TEXAS/SAN ANTINIO

39-45,47-75

MAR

MONTH

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HC ₹S   |       |      | PERCENTAG | E FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN     | TOTAL          |
|-------|---------|-------|------|-----------|------------|---------------|------------|-------------|------|------|----------|----------------|
| MONTH | L S T.) | 10%   | 20%  | 30%       | 40%        | 50%           | 60%        | 70%         | 80%  | 90%  | PELATIVE | NO. OF<br>OBS. |
| MAR   | 05-62   | 100.0 | 99.7 | 98.4      | 94,4       | 90.1          | 75.5       | 63.9        | 49.6 | 17.9 | 74.4     | 3248           |
|       | 00-15   | 1.0.0 | 99.4 | 96.5      | 35.2       | 29.6          | 6C.3       | 70.1        | 55.5 | 25.5 | 77.4     | 324            |
|       | ೧५−८೪   | 100.0 | 99.7 | 98.7      | 94.7       | 88.3          | 80.2       | 69.9        | 56.3 | 25.9 | 77.3     | 323            |
|       | 09-11   | 190.0 | 93.3 | 91.0      | 81.8       | 70.6          | 58.4       | 44.1        | 27.4 | 10.5 | 64.0     | 3244           |
|       | 12-14   | 99.9  | 93.7 | 80.8      | 54.4       | 49.2          | 32.9       | 20.1        | 17.7 | 3.8  | 51.1     | 323            |
|       | 15-17   | 99.9  | 90.4 | 72.9      | 55.8       | 39.5          | 24.9       | 14.2        | 7.2  | 2.7  | 46.3     | 324            |
|       | 19-20   | 99.9  | 96.5 | 85.4      | 71.1       | 56.3          | 42.5       | 27.6        | 14.1 | 4.4  | 55.3     | 324            |
|       | 21-23   | 100.0 | 99.4 | 96.0      | 88.0       | 75.4          | 63.7       | 51.2        | 33.7 | 9.1  | 67.4     | 324            |
|       |         |       |      |           |            |               |            |             |      |      |          |                |
|       |         |       |      |           |            |               |            |             |      |      |          |                |
| TO1   | TALS    | 130.0 | 97.2 | 90.3      | 8ი.7       | 69.5          | 57.2       | 45.1        | 31.9 | 12.5 | 64.2     | 2594:          |

USAFETAC 0-87-5 (OL A)

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DATA POLCESTION OF STACKUSAF AIR MEATURE SERVICE/TAC

### **RELATIVE HUMIDITY**

12911 °- CLP- AFC TEXAS/SA - ANT NIL

26-45,47-75

PERIOD

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MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS          | 1     |      | PERCENTAG | E FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN                 | TOTAL         |
|-------|----------------|-------|------|-----------|------------|---------------|------------|-------------|------|------|----------------------|---------------|
| HTMOM | (LST)          | 10%   | 20%  | 30%       | 40%        | 50%           | 60%        | 70%         | 801. | 90%  | RELATIVE<br>HUMIDITY | NO OF<br>OBS. |
| ΔΡκ   | 0 1.2          | 170.0 | 99.9 | 99.2      | 36.8       | c1.3          | 54.8       | 70.3        | 60•8 | 20.5 | 79.2                 | 3305          |
|       | J <b>3−</b> 65 | 100.0 | 99.9 | 99.3      | 97.4       | 04.2          | 37.5       | 80.6        | 67.4 | 29.3 | 81.5                 | 3299          |
|       | 05-68          | 100.0 | 99.8 | 99.2      | 97.3       | 03.5          | 36.2       | 77.2        | 63.5 | 28.2 | 30.3                 | 3303          |
|       | 05-11          | 120.0 | 98.7 | 95.6      | 87.0       | 75.7          | 64.1       | 47.3        | 26.9 | 9.1  | 66.7                 | 2008          |
|       | 12-14          | 79.8  | 95.7 | 86.7      | 72.0       | 55.4          | 37.2       | 22.0        | 10.6 | 3.6  | 54.7                 | 3304          |
|       | 1>-17          | 37.6  | 93.8 | £1.6      | 65.2       | 47.9          | 30.5       | 10          | 9.2  | 3.1  | 50.4                 | 3303          |
|       | 10-20          | 140.0 | 97.3 | 90.9      | 79.4       | 65.9          | 49.4       | 23.9        | 17.7 | 4.5  | 59.5                 | 3291          |
|       | 21-23          | 100.0 | 97.5 | 97.7      | 32.7       | =4.9          | 75.9       | 61.9        | 41.5 | 10.8 | 72.1                 | 3292          |
|       |                |       |      |           |            |               |            |             |      |      |                      |               |
|       |                |       |      |           |            |               |            |             |      |      |                      |               |
| TC    | )TALS          | 75.9  | 93.1 | 93.7      | 36.1       | 76.4          | 64.5       | 52.2        | 37.1 | 13.7 | 67.8                 | 26404         |

USAFETAC FORM 0-87-5 (OL A)

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DATA PROCESSI 3 BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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### **RELATIVE HUMIDITY**

12911 RANDOLPH AFB TEXAS/SAN ANTONIU

38-75

PERIOD

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |       |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY GI | REATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|----------|-------|-------|-----------|-------------|-------------|-------------|-------------|------|------|------------------|----------------|
| HTHOM | (L.S.T.) | 10%   | 20%   | 30%       | 40%         | 50%         | 60%         | 70%         | 80%  | 90%  | HUMIDITY         | OBS.           |
| MAY   | 00-02    | 100.0 | 100.0 | 99.9      | 99.7        | 98.7        | 96.2        | 89.0        | 70.8 | 18.6 | 83.2             | 3421           |
|       | 03-05    | 100.0 | 100.0 | 100.0     | y9.9        | 99.4        | 98.1        | 94.3        | 82.9 | 32.6 | 86.8             | 3425           |
|       | 05=08    | 100,0 | 100.0 | 99.9      | 99.7        | 98.6        | 96.0        | 89.8        | 71.0 | 22.7 | 83.7             | 3435           |
|       | 09-11    | 100.0 | 99,9  | 98.9      | 95.7        | 88.7        | 69.6        | 42.5        | 17.7 | 4.0  | 67.1             | 3447           |
|       | 12-14    | 100.0 | 99.2  | 95.3      | 85.4        | 61.6        | 32.6        | 15.7        | 6.4  | 1.7  | 55.3             | 3449           |
|       | 15-17    | 100.0 | 98.7  | 92.6      | 76.8        | 48.4        | 26.9        | 13.1        | 5.9  | 1.8  | 52.0             | 3451           |
|       | 18-20    | 190.0 | 99.6  | 96.8      | 89.6        | 73.9        | 51.6        | 30.9        | 13.5 | 2.6  | 61.3             | 3414           |
|       | 21-23    | 100.0 | 100.0 | 99.9      | 98.5        | 95.3        | 87.1        | 70.5        | 41.8 | 7.6  | 75.6             | 3408           |
|       |          |       |       |           |             |             |             |             |      |      | <del> </del>     |                |
|       |          |       |       |           |             |             |             |             |      |      |                  |                |
|       |          |       |       |           |             |             |             |             |      |      |                  |                |
| TC    | OTALS    | 100.0 | 99.7  | 97.9      | 93.2        | 83.1        | 69.8        | 55.7        | 38.8 | 11.5 | 70.6             | 27450          |

USAFETAC FORM 0-87-5 (OL A)

DATA PROCESSING TRANCE. ETAC/USAF AIR WEATHER SERVICE/MAC

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### **RELATIVE HUMIDITY**

12911 RAMBOLPH ASE TEXAS/SAN ANTONIO

38-75

PERIOD

JUN

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |       |       | PERCENTA     | GE FREQUENC | Y OF RELATIVE | E HUMIDITY G | REATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|----------|-------|-------|--------------|-------------|---------------|--------------|-------------|------|------|------------------|----------------|
| HTMOM | (L S T.) | 10%   | 20%   | 30%          | 40%         | 50%           | 60%          | 70%         | 80%  | 90%  | HUMIDITY         | OBS.           |
| JUN   | 00-02    | 100.0 | 100.0 | 100.0        | 100.0       | 99.5          | 98.3         | 93.7        | 72.3 | 14.3 | 83.5             | 3270           |
|       | 03-05    | 100.0 | 100.0 | 100.0        | 100.0       | 99.8          | 99.3         | 97.5        | 88.3 | 27.0 | 87.4             | 3266           |
|       | 06-08    | 100.0 | 100.0 | 100.0        | 100.0       | 99.7          | 98.5         | 93.7        | 69.2 | 15.0 | 83.6             | 3322           |
|       | 05-11    | 100.0 | 100.0 | 99.9         | 98.9        | 92.1          | 65.5         | 29.1        | 8.0  | 1.3  | 64.9             | 3361           |
|       | 12-14    | 100.0 | 99.9  | 98.6         | 85.3        | 50.5          | 20.5         | 7.1         | 3.6  | 1.3  | 52.3             | 3356           |
|       | 15-17    | 100.0 | 99.8  | 94.8         | 71.2        | 38.6          | 17.4         | 8.2         | 4.3  | 1.4  | 49.1             | 3354           |
|       | 18-20    | 100.0 | 100.0 | 98.4         | 89.2        | 69.0          | 42.5         | 20.5        | 8.4  | 2.5  | 58.5             | 3274           |
|       | 21-23    | 100.0 | 100.0 | 99,9         | 99.6        | 96.9          | 86.6         | 65.0        | 29.9 | 5.1  | 73.9             | 3275           |
|       |          |       | _     |              |             |               |              |             |      |      |                  |                |
|       |          |       |       | <del> </del> |             |               |              |             |      |      |                  |                |
|       | <u> </u> |       |       |              |             |               |              |             |      |      |                  |                |
| to    | OTALS    | 100.0 | 100.0 | 99,0         | 93.0        | 80.8          | 66.1         | 51.9        | 35.5 | 8.5  | 69.2             | 26478          |

USAFETAC FORM 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

12911 STATION DINCTINA RAZINATE TEXAS/SAR ANTONIG

PERIOD

JUL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

| монтн        | HOURS<br>(LST) |       | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |          |               |  |
|--------------|----------------|-------|--------------------------------------------------------|-------|-------|------|------|------|------|------|----------|---------------|--|
|              |                | 10%   | 20%                                                    | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90%  | RELATIVE | NO OF<br>OBS. |  |
| JUL          | 05-62          | 100.0 | 100.0                                                  | 100.0 | 99.9  | 99.4 | 96.9 | 85.3 | 50.4 | 7.3  | 79.5     | 3386          |  |
|              | 03-05          | 100.0 | 100.0                                                  | 100.0 | 100.0 | 99.7 | 99.1 | 96.5 | 80.5 | 18.0 | 35.3     | 3385          |  |
|              | 06-08          | 100.0 | 100.0                                                  | 100.0 | 99.9  | 99.6 | 98.5 | 92.6 | 63.4 | 12.2 | 82.5     | 3447          |  |
|              | 09-11          | 100.0 | 99.9                                                   | 99.7  | 98.3  | 86.3 | 54.0 | 17.9 | 4.3  | • 8  | 61.5     | 3473          |  |
|              | 12-14          | 100.0 | 99.9                                                   | 96.5  | 71.9  | 30.2 | 11.4 | 4.2  | 2.1  | .6   | 47.3     | 3478          |  |
|              | 15-17          | 100.0 | 99.6                                                   | 87.5  | 47.2  | 22,1 | 10.6 | 5.3  | 2.7  | .9   | 43.2     | 3481          |  |
|              | 18-20          | 100.0 | 99.9                                                   | 94.9  | 76.8  | 49.8 | 25.7 | 11.7 | 5.4  | 1.1  | 52.1     | 3379          |  |
| <u></u>      | 21-23          | 100.0 | 100.0                                                  | 99.9  | 98.8  | 93.2 | 73.3 | 42.0 | 14.5 | 3.3  | 68.0     | 3384          |  |
|              |                |       |                                                        |       |       |      |      |      |      |      |          |               |  |
| <del> </del> |                |       |                                                        |       |       |      |      |      |      |      |          |               |  |
| 10           | TALS           | 100.0 | 99.9                                                   | 97.3  | 86.6  | 72.5 | 58.7 | 44.4 | 27.9 | 5.5  | 64.9     | 27413         |  |

USAFETAC 0-87-5 (OL A)

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DATA PROCESSI & BRALCH ETAC/USAF AIR WEATHER SERVICE/MAC

## **RELATIVE HUMIDITY**

12911 STATION RANGOLPH AFB TEXAS/SAN ANTONIO

38-75

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#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS    |       | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |          |      |      |          |               |  |  |
|-------|----------|-------|--------------------------------------------------------|-------|------|------|------|----------|------|------|----------|---------------|--|--|
|       | (L S T.) | 10%   | 20%                                                    | 30%   | 40%  | 50%  | 60%  | 70%      | 80%  | 90%  | RELATIVE | NO OF<br>OBS. |  |  |
| AUG   | 00-02    | 100.0 | 100.0                                                  | 99.9  | 99.6 | 98.6 | 93.3 | 80.0     | 49.5 | 9.9  | 78.8     | 3322          |  |  |
|       | 03-05    | 100.0 | 100.0                                                  | 100.0 | 99.9 | 99.5 | 98.0 | 92.7     | 74.5 | 22.1 | 84.6     | 3322          |  |  |
|       | 80~00    | 100.0 | 100.0                                                  | 100.0 | 99.9 | 99.4 | 97.4 | 90.6     | 65.3 | 18.1 | 83.0     | 3392          |  |  |
|       | 09-11    | 100.0 | 1.00.0                                                 | 99.6  | 96.9 | 81.5 | 52.3 | 20.9     | 6.5  | 1.9  | 61.5     | 3424          |  |  |
|       | 12-14    | 100.0 | 99,9                                                   | 94.2  | 65.5 | 30.1 | 11.7 | 5.7      | 2.6  | .8   | 46.6     | 342           |  |  |
|       | 15-17    | 100.0 | 99.2                                                   | 83.3  | 43,4 | 22.5 | 12.2 | 6.8      | 2.9  | .7   | 42.6     | 3423          |  |  |
|       | 13-20    | 100.0 | 99.7                                                   | 93.1  | 72.7 | 48.7 | 28.7 | 15.0     | 6.2  | 1.3  | 52.1     | 3335          |  |  |
| ·     | 21-23    | 100.0 | 100.0                                                  | 99,7  | 97.4 | 88.6 | 68.7 | 43.3     | 19.5 | 3.9  | 67.7     | 3333          |  |  |
|       |          |       |                                                        |       |      |      |      | <u> </u> |      |      |          |               |  |  |
|       |          |       |                                                        |       |      |      |      |          |      |      |          |               |  |  |
| 10    | )TALS    | 100.0 | 99.9                                                   | 96.2  | 84.4 | 71.1 | 57.8 | 44.4     | 28.4 | 7.3  | 64.6     | 2697          |  |  |

USAFETAC 0-87-5 (OL A)

DATA PROCESSING DRA. Co. ETAC/USAF AIR WEATHER SERVICE/AC

## **RELATIVE HUMIDITY**

RANDOLPH AFB TEXAS/SAR ANTONIO 12911 STATION

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PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOJRS<br>(LST) |       | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |              |          |                      |               |  |  |
|-------|----------------|-------|--------------------------------------------------------|------|------|------|------|------|--------------|----------|----------------------|---------------|--|--|
| HTHOM |                | 10%   | 20%                                                    | 30%  | 40%  | 50%  | 60%  | 70%  | 80%          | 90%      | RELATIVE<br>HUMIDITY | NO OF<br>OBS. |  |  |
| SEP   | 06-02          | 100.0 | 100.0                                                  | 99.8 | 99.3 | 97.5 | 91.6 | 81.6 | 61.6         | 17.8     | 80.7                 | 3220          |  |  |
|       | 03-05          | 100.0 | 100.0                                                  | 99.9 | 99.7 | 08.7 | 95.4 | 88.2 | 74.2         | 29.9     | 84.6                 | 3219          |  |  |
|       | 05-08          | 100.0 | 100.0                                                  | 99.9 | 99.6 | 97.8 | 93.8 | 85.6 | 68.3         | 25.8     | 83.1                 | 3212          |  |  |
|       | 09-11          | 100.0 | 100.0                                                  | 98.8 | 94.1 | 83.1 | 61.2 | 34.8 | 14.1         | 3.4      | 64.5                 | 3218          |  |  |
|       | 12-14          | 100.0 | 99.6                                                   | 93.7 | 77.0 | 47.6 | 23.1 | 10.6 | 5,3          | 1.6      | 51.3                 | 3228          |  |  |
|       | 15-17          | 99.9  | 98.9                                                   | 89.3 | 63.2 | 38.3 | 21.0 | 12.4 | 6.7          | 2.3      | 48.3                 | 3226          |  |  |
|       | 18-20          | 100.0 | 99.9                                                   | 96.9 | 85,5 | 65.7 | 45.7 | 28.6 | 13.9         | 4.0      | 59.6                 | 3223          |  |  |
|       | 21-23          | 100.0 | 100.0                                                  | 99.6 | 97.6 | 91.5 | 78.5 | 59,7 | 33.9         | 8.2      | 72.6                 | 3226          |  |  |
|       |                | ļ     | ļ                                                      | ļ    | ļ    |      |      |      |              |          |                      |               |  |  |
|       |                |       | -                                                      | ļ    |      | ļ    | ļ    |      | ļ            | <u> </u> |                      |               |  |  |
|       |                |       | ļ                                                      |      |      |      |      |      | <del> </del> |          |                      |               |  |  |
|       | TALS           | 100.0 | 99.8                                                   | 97.2 | 89.5 | 77.5 | 63.8 | 50.2 | 34.8         | 11.6     | 68.2                 | 25772         |  |  |

USAFETAC 0-87-5 (OL A)

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DATA PROCESSING PRANCH ETAC/LSAF AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

RAMDOLPH AFB TEXAS/SAR ANTONIO 12911

38-74

PERIOD

DÇT MONTH

STATION

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STATION NAME

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE** 

(FROM HOURLY OBSERVATIONS)

MEAN TOTAL PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN **HOURS** RELATIVE NO OF MONTH (LST) 50% HUMIDITY OBS. 20% 30% 40% 78.9 100.0 99.6 98.0 93.3 75.2 59.1 19.5 3411 OCT 00-02 100.0 86.6 90.0 99.8 95.9 95.3 81.5 68.7 32.1 82.6 3411 03-05 100.0 100.0 99.8 30.7 100.0 100.0 98.4 94.6 88.4 79.5 66,4 81.8 3410 06-08 96.1 59.3 3413 100.0 99.5 88.4 20.9 5.6 64.1 09-11 76.4 39.7 50.5 3411 100.0 98.1 87.4 69.5 47.5 25.3 12-14 12.0 6.0 2.2 3415 15-17 100.0 97.2 82.3 61.8 38.8 22.5 12.7 6.8 2.4 48.0 4,9 100.0 99.8 95.3 67.8 47.9 60.2 3421 10-20 84.1 30.7 16.0 72.3 3428 100.0 100.0 99.0 95.0 88.6 76.6 37.8 9.8 21-23 60.4 TOTALS 99.3 67.3 27320 100.0 94.9 36.8 75.3 62.1 49.1 35.2 13.4

USAFETAC 0-87-5 (OL A) DATA POLOLSSI 3 % OF ETACYOSAF AIR REATHER SE VIC / WO

## **RELATIVE HUMIDITY**

12911 RACCILPA AST TERROSON ATT LIL

74

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS              |       |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN                 | TOTAL<br>NO OF |
|-------|--------------------|-------|-------|-----------|-------------|-------------|------------|-------------|------|------|----------------------|----------------|
| MONTH | (L S T.)           | 10%   | 20%   | 30%       | 40%         | 50%         | 60%        | 70%         | 80%  | 90%  | RELATIVE<br>HUMIDITY | OBS.           |
| MEV   | 0 >-62             | 1.0.0 | 49.7  | 99.5      | ₹5.7        | 85.7        | 3°.6       | 47.4        | 51.0 | 21.6 | 76.4                 | 3303           |
|       | 00-05              | 100.0 | 100.3 | 99.0      | 95,2        | 01.7        | 54.n       | 72.5        | 36.5 | 27.0 | 7n.c                 | 3301           |
|       | 00 <del>-</del> 08 | 1,0.0 | 160.) | 99.8      | >7.¤        | 51.4        | 42.2       | 70.5        | 55.4 | 28.7 | 79.5                 | 3296           |
|       | 0>-11              | 1.0.0 | 99.5  | 95.6      | 85.2        | 72.6        | 57.4       | 43.7        | 23.2 | 10.2 | 64.8                 | 33.)9          |
|       | 12-14              | 1,0.0 | 97.2  | 84.7      | 69.7        | 51.2        | 34.0       | 20.9        | 17.3 | 3.9  | 52.5                 | 3313           |
|       | 13-17              | 1^0.0 | 95.6  | 93.5      | 63.3        | 40.0        | 29.4       | 17.9        | 9.7  | 4.2  | 50.2                 | 3316           |
|       | 19-20              | 1.0.0 | 99.5  | 95.1      | 83.0        | 69.0        | 53.8       | 27.8        | 23.3 | 6.3  | 62.1                 | 3310           |
|       | 21-23              | 100.0 | 106.0 | 96.6      | 93.2        | 14.6        | 72.5       | 58.1        | 38.8 | 12.3 | 71.6                 | 3315           |
|       |                    |       |       |           |             |             | <u> </u>   |             |      |      |                      |                |
|       |                    |       |       |           |             |             |            |             |      |      |                      |                |
|       |                    |       |       |           |             |             |            |             |      |      |                      |                |
| TC    | TALS               | 170.0 | 99.0  | 94.2      | 85.5        | 74.5        | 61.7       | 48.5        | 33.8 | 14.4 | 66.9                 | 26461          |

USAFETAC JOHN 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

12911 RE UCEPH AFE TEXAS/SAME ANT ONT

23-74

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STATION

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STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN MEAN TOTAL **HOURS** RELATIVE NO OF MONTH (4.5.1) 10% 70% 80% 90% OBS. 20% 30% 40% 50% 60% HUMIDITY 99.9 99.2 9.7 80.1 DEC 76.0 3410 1 C.V 95.4 45.7 45.1 23.6 99.5 ۶2.<u>8</u> 3399 69.1 52.3 79.3 100.0 83.6 28.7 10**−**∪5 77.4 05-08 116.3 100.1 99.4 97.6 93.4 84.2 70.5 52.4 29.0 78.6 3401 0>-11 100.0 99.7 95.9 87.9 74.8 51.7 46.7 34.1 17.0 67.B 3418 97.7 71.2 17.0 7.2 55.7 3424 12-14 100.6 85.5 54.5 40.3 27.2 50.1 52.9 3431 15-17 1.0.0 96.5 63.7 65.3 34.4 22.8 14.1 6.2 10-20 99.4 95.6 86.1 70.9 54.7 39.0 24.2 16.5 63.7 3413 1.0.0 160.0 21-23 99.9 98.5 94.2 24.6 71.1 56.1 39.0 15.7 71.7 3405 TOTALS 27301 106.0 99.1 94.3 05.9 76.4 63.8 49.9 35.2 17.3 68.1

USAFETAC FORM 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

### PART F

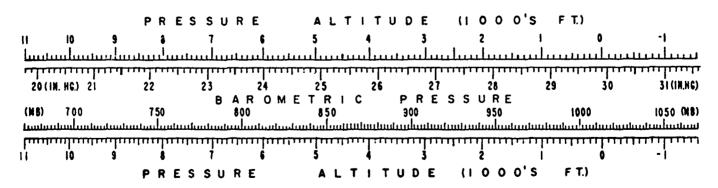
### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945. Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65. METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



### **MEANS AND STANDARD DEVIATIONS**

STATION PRESSURE IN INCHES HG FROM HOURLY UBSERVATIONS

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 46-63,65-75

STATION STATION NAME YEARS HRS (LS T.) FER MAR. APR AUG SEP OCT ANNUAL MAY JUN JUL NOV MEAN 29.30229.25929.18529.14429.12929.12829.18529.17229.16329.22329.26829.291 29.205 .186 .189 165 799 .088 SD .182 .065 .098 .126 00 .123 .067 .178 157 TOTAL OBS 816 859 761 801 829 792 829 836 864 9852 29.29229.24629.17029.12729.11229.11629.18029.16829.15429.21329.25729.280 185 189 .182 .123 S. D 162 798 .089 791 .065 .127 03 .0661 .099 .157 .178 TOTAL OBS 860 762 798 832 819 9860 8341 866 29.29429.25129.18329.14329.13129.13329.19529.18129.10829.22629.26729.281 29.205 ·189 184 .123 .090 SD .162 .066 .067 .098 .130 .180 .156 06 789 817 833 129,33829.29429.22529.18229.16329.16429.22329.20929.20129.26629.31229.325 29.242 190 .189 .188 165 .098 09 S. D. .124 .092 .066 .067 .132 .190 .159 .182 TOTAL OBS 762 802 841 822 848 864 935 9958 29.32529.28629.20729.16229.14429.14329.20129.18729.18129.24029.29029.308 29,223 190 .192 165 ·123 .093 .099 .190 12 .187 .132 .183 .066 .069 .160 TOTAL OBS 849 794 800 842 <u>9958</u> 822 864 835 864 833 29.25329.21029.13129.09729.08729.68929.14229.12329.11529.17429.22229.240 MEAN S. D 192 .188 759 .186 165 .069 123 .094 .159 15 .132 .182 .070 .100 TOTAL OBS 861 802 841 820 853 863 838 862 835 9967 834 MEAN 29.25929.20829.11929.08029.06329.05829.11129.09729.10729.17429.23029.248 29.147 .192 186 .093 .131 S. D. 185 :164 121 .070 .070 .101 .180 .187 .163 9842 TOTAL OBS 792 832 863 802 818 834 863 829 833 MEAN 29.29429.24729.16429.12729.10729.09729.15029.14229.15229.21429.26929.282 29.188 184 804 091 791 190 185 762 163 '21 S. D. ·121 .129 .068 .069 .099 .161 .178 830 832 339 86" 9869 820 834 29:29429:25029:17329:13329:11729:11629:17429:16029:15529:21629:26429:282 29.195 ALL .189 .188 .126 .097 1166 .075 .076 .103 .133 .162 .182 .189 HOURS 6886 6083 640Ŏ 6381 <u>6689</u> 6670 6640

के सम्पन्न केंद्रिक देखाना हुओ है है दूर पर प्रतन ।

USAF ETAC . 104 0-89-5 (OL 1)

12911

### **MEANS AND STANDARD DEVIATIONS**

SEA LEVEL PRESSURE IN MBS FRUM HOURLY OBSERVATIONS NADOLPH AFB TEXAS/SAN ANTONIO

| <u>-</u>     | <b>-</b>                 |                         |                         |           |                         |       |                         |       |                         |       |                         |       |                         |                       |
|--------------|--------------------------|-------------------------|-------------------------|-----------|-------------------------|-------|-------------------------|-------|-------------------------|-------|-------------------------|-------|-------------------------|-----------------------|
| STATIO       | 2 2                      |                         | STA                     | TION NAME |                         |       | YEARS                   |       |                         |       |                         |       |                         |                       |
| HRS /LST     |                          | JAN,                    | FEB.                    | MAR.      | APR.                    | MAY   | NUL                     | JUL   | AUG                     | SEP   | ОСТ                     | NOV   | DEC                     | ANNUAL                |
| 00           | MEAN<br>S.D.<br>TOTALO   | 6.888                   | 1018.3<br>6.670<br>1018 | 6.505     | 5.855                   | 4.322 | 1013.4<br>3.187<br>1089 | 2.329 | 2.431                   | 3.417 | 4.416                   | 6.413 | 6.617                   | 1016.<br>5.70<br>1322 |
| 03           | MEUS<br>202<br>TOTAL OF  | 6.901                   | 6.617                   | 6.498     | 1013.5<br>5.788<br>1097 | 4.349 | 3.210                   | 2.330 | 2.486                   | 3.430 | 1016.7<br>4.466<br>1140 | 6.400 | 6.576                   | 1015<br>5.71<br>1322  |
| 06           | MEAN<br>S. D<br>TOTAL DE | 5.904                   | 1018.2<br>6.659<br>1017 | 6.566     | 5.807                   | 4.336 | 3.241                   | 2.355 | 2.516                   | 3.436 | 4.566                   | 6.464 | 6.711                   | 1016.<br>5.68<br>1321 |
| 09           | MEAN<br>S. D<br>TOTAL OF | 6.945                   | 6.805                   | 6.678     | 1015.4<br>5.930<br>1102 | 4.380 | 3.297                   | 2.333 | 2.600                   | 3.462 | 1018.6<br>4.550<br>1142 | 6.495 | 6.803                   | 1017<br>5.8<br>133    |
| 12           | MEAN<br>S D<br>TOTAL OR  | 6.977                   | 6.837                   | 6.629     | 1014.7<br>5,900<br>1102 | 4.350 | 3.307                   | 2.354 | 2.599                   | 3.442 | 4.627                   | 6.562 | 6.789                   | 1016<br>5.8<br>133    |
| 15           | MEAN<br>S'D<br>TOTAL OF  | 1018.6<br>6.985<br>1142 | 1016.6                  | 6.389     | 1012,4<br>5,897<br>1101 | 4.343 | 3.339                   | 2.542 | 2.592                   | 3.482 | 4.630                   | 6.532 | 5.725                   | 1014<br>5.7<br>133    |
| 18           | MEAN<br>S. D<br>TOTAL O  | 7.001                   | 1016.7<br>6.715<br>1012 | 6.529     | 1011.9<br>5.873<br>1093 | 4.272 | 3.304                   | 2.554 | 2,587                   | 3.516 | 4.642                   | 6.494 | 6.674                   | 1014<br>5.9<br>132    |
| 21           | MEAN<br>S.D.<br>TOTAL O  | 6,926                   | 1018.0<br>5.693<br>1017 | 6.534     | 5.829                   | 4.285 | 3,222                   | 2.458 | 1013.8<br>2.558<br>1113 | 3-442 | 016.8<br>4.541<br>1143  | 6.451 | 6.620                   | 1015<br>5.8<br>132    |
| ALL<br>IOURS | MEAN<br>S D<br>TOTAL O   | 7.00                    | 1018.1<br>6.792<br>8129 | 6.666     | 5,957                   | 40453 | 3.438                   | 2.685 | 2.819                   | 3.606 | 4.679                   | 6.544 | 1019.4<br>6.765<br>8905 | 1016<br>5.8<br>1061   |

38-75

USAF ETAC TOTAL 0-89-5 (OL 1)